

## INDEX TO VOLUME 43

### A

- ABBOTT, LYNN D., Jr., MANDEVILLE, FREDERICK B., and REIN, WALTER J.:** Complete roentgen and ophthalmologic examination for ochronosis in two alcaptonuric children (ab), Sept., 312
- ABDOMEN**
- roentgenologic aspects of retroperitoneal perforations of duodenum, E. A. Jacobs, G. J. Culver, and E. C. Koenig, Dec., 563
  - survey film diagnosis of surgical abdomen (ab), Samuel Levine and Leon Solis-Cohen, Aug., 203
- ADENOMA**
- cancer associated with acanthosis nigricans: review of literature and report of case of acanthosis nigricans with cancer of breast (ab), Helen O. Curth, July, 102
- ADENOLYMPHOMA.** See Tumors, adenolymphoma
- ADENOMA.** See Tumors, adenoma
- ADRENALS**
- rationale and results of roentgen treatment of adrenal glands in angina pectoris (ab), W. Raab and A. B. Soule, Jr., Oct., 423
- ALFORD, E. L.** See WEBSTER, D. R.
- ALCAPTONURIA.** See Urine, alcapton
- ALLEN, E. PETER:** The subpubic angle: radiological aspects (ab), Sept. 312
- ALLEY, REUBEN G.** See FREDMAN, LESTER M. J.
- ALPHER, ALGERNON N., and BENJAMIN, JULIE E.:** The induction film as an aid in appraising subsequent pulmonary lesions, Dec., 548
- ANEMIASIS**
- x-ray appearances in hepatitis (ab), J. Munk, Oct., 410
- AMESTI, FELIX:** Malignant tumors of the stomach (ab), Sept., 307
- AMPHETAMINE**
- irradiation sickness: hypothesis concerning the basic mechanism and a study of the therapeutic effect of amphetamine and dextro-desoxyephedrine (ab), E. L. Jenkinson and W. H. Brown, Dec., 617
- ANDERSON, HORACE B.:** Malignant cystadenoma of ovary with pleural effusion (Meigs' syndrome) (ab), Dec., 617
- ANDERSON, W. A. D.** See SHRAEDER, E. LEE
- ANEMIA**
- erythroblastic
  - anemia of Cooley (familial erythroblastic anemia) in an Indian boy (ab), R. G. Dhayagude, Dec., 612
  - erythroblastic anemia, with report of case in a boy eight years old, William J. Corcoran, Oct., 373
  - splenic
  - Gaucher's disease (ab), Samuel Levine and Leon Solis-Cohen, July, 97
- ANEMIA, PERNICIOUS**
- effect of anemia on gastric emptying (ab), Leon O. Jacobson and Walter L. Palmer, July, 92
- ANENCEPHALY.** See Monsters, cephalic

### ANESTHESIA

- anesthetics used in connection with roentgenology (ed), John S. Lundy, Oct., 391

### ANEURYSM

- aortic
- laminographic studies; advantages and limitations (ab), Wendell G. Scott and Donald S. Bottom, Aug., 200
- nonsyphilitic aneurysm in individuals under 45 years of age (ab), M. F. Steinberg, A. Grishman, and M. L. Sussman, July, 91

### ANGINA PECTORIS

- rationale and results of roentgen treatment of adrenal glands in angina pectoris (ab), W. Raab and A. B. Soule, Jr., Oct., 423

### ANGIOCARDIOGRAPHY.

- See Cardiovascular System, roentgenography

### ANKLE

- dislocations
- subluxation (ab), G. F. Pennal, July, 97
- wounds and injuries
- ruptured ligaments; roentgen sign (ab), R. P. Ball and E. W. Egbert, July, 98

### ANODONTIA.

- See Teeth, development

### AORTA

- laminographic studies; advantages and limitations (ab), Wendell G. Scott and Donald S. Bottom, Aug., 200
- abnormalities
- right-sided aortic arch; report of case (ab), Harold J. Isard, Sept., 307

### ARACHNOIDITIS

- atypical coarctation of aorta, with absence of left radial pulse (ab), A. Grishman, M. L. Sussman, and M. F. Steinberg, Oct., 409

- coarctation in childhood; review of literature and report of three cases (ab), Paul H. Rhodes and Edgar Durbin, July, 91

### APPARATUS.

- See Roentgen Rays, apparatus

### ARACHNOIDITIS

- arachnoidactyly (Marfan syndrome) in four siblings, with pneumocephalographic observations of two (ab), Harry D. Pasachoff, M. J. Madonick, and Carl Drayer, Oct., 412

### ARBUCKLE, ROBERT K.

- See WAMMOCK, HOKE

### ARCHER, VINCENT W.

- See COOPER, GEORGE, JR.

### ARNETT, JOHN H.

- See OSGOOD, ELLIS C.

### ARNOLD-CHIARI DEFORMITY.

- See Brain, abnormalities

### ARTERIES.

- See Aneurysm; Aorta; Thrombosis

### ARTHRITIS.

- See Shoulder; Spine; etc.

### ASHBURY, HOWARD HICKS:

- Radiation therapy of lymphoid tissue in the nasopharynx and pharynx, Sept., 250

### ASLETT, E. A., DAVIES, T. W., and JENKINS, T. I.:

- Radiological appearances in the development of coal miners' pneumoconiosis (ab), Sept., 306

### ASTHMA

- treatment with roentgen ray (ab), I. I. Kaplan and Sidney Rubinfeld, July, 105

### ATELECTASIS.

- See Lungs, collapse

### ATLAS AND AXIS

- abnormalities
- cervical syringomyelia and syringomyelia-like states associated with Arnold-Chiari deformity and platybasia (ab), Ben W. Lichtenstein, Dec., 599

### OSTEOMYELITIS

- osteomyelitis of the odontoid process of axis (dens of the epistropheus) (ab), T. J. F. Frank, Oct., 415

### AUERBACH, OSCAR, and STEMMERMAN, MARGUERITE

- G.: Silico-tuberculosis (ab), Oct., 403

### AVITAMINOSIS.

- See Deficiency Diseases

### AXILLA

- primary thrombosis of axillary vein due to strain (ab), Samuel J. Stabins, Aug., 210

### B

### BABINGTON, S. H.:

- Idiopathic spontaneous pneumothorax (ab), Oct., 405

### BACKACHE

- symposium on low back pain. Spondylolithesis: analysis of 59 consecutive cases (ab), Guy A. Caldwell, Dec., 606

### BACTERIA

- clostridium
- effects of radiation therapy in clostridium infection in sheep, E. A. Merritt, A. J. Den, and U. V. Wilcox, Oct., 325

- effects of irradiation on bacterial toxemia in rabbits, J. Dewey Bisgard, Howard B. Hunt, and R. Hugh Dickinson, Oct., 330

### BAGASSOSIS.

- See Pneumoconiosis

### BAKER, E. C., and MILLER, F. A.:

- Further experiences with venography, Aug., 129

### BALL, R. P., and EGBERT, E. W.:

- Ruptured ligaments of ankle; roentgen sign (ab), July, 98

### BANNER, J. E.:

- Post-operative pneumo-peritoneum (ab), Dec., 606

- BARBER, C. GLENN:** Osteochondrosis deformans tibiae: nonrachitic bow leg in children (ab), July, 96
- BARIUM.** See Gastro-Intestinal Tract, roentgenography; Intestines, roentgenography
- BARTELS, ROBERT N., and HARRIS, KARL S.:** Errors in the diagnosis of intestinal obstruction (ab), Dec., 604
- BASSIN, SYDNEY.** See HURST, ALLAN
- BEAL, JOHN M.** See McSWAIN, BARTON
- BEAR, RICHARD S.** See HUGGINS, CHARLES
- BEHNEY, CHARLES A., and HOWSON, JOHN Y.:** Carcinoma of the cervix, end results (ab), Dec., 616
- BELL, JOSEPH C., and HEUBLEIN, GILBERT W.:** Diagnostic roentgenology in an Army General Hospital during the present war, Nov., 425
- See MAYFIELD, FRANK H.
- BENJAMIN, JULIEN E.** See ALPERN, ALGERNON N.
- BENNETT, B. A., Jr.** See ESTES, W. L., Jr.
- BERGMANN, ERNST:** Role of aseptic bone necrosis in hip lesions (ab), Oct., 415
- BERK, J. EDWARD, and DUNLAP, HAROLD J.:** Hypertrophic pyloric stenosis in adults (ab), Aug., 201
- WOODRUFF, MARSTON T., and FREDIANI, ALEXANDER W.:** Pulmonary and intestinal changes in strongyloidiasis (ab), July, 89
- BERKOVE, ALFRED E.:** Hypertelorism (ab), July, 88
- BESNIER-BOECK-SCHAUMANN DISEASE.** See Sarcoidosis
- BIERMAN, MORRIS I.:** Avulsion fractures of the fibula (ab), Aug., 208
- BILE DUCTS**
- radiological anatomy of normal terminal choledochus (ab), M. Royer and A. V. Solari, Oct., 410
- BILIARY TRACT**
- See also Bile Ducts; Gallbladder; Liver
- astula.** See Fistula
- roentgenography
- clinical value of cholangiography (ab), Dean Macdonald, Dec., 605
- BIRKETT, A. N.** See CROOKS, F.
- BIRKINSHAW, F.:** Miniature camera in medicine (ab), July, 89
- BISCHOFF, FRITZ, ULLMAN, HENRY J., and INGRAHAM, LOUISE P.:** Influence of irradiation of the ovaries upon estrus and neoplastic development in Marsh-Buffalo mice, July, 55
- BISGARD, J. DEWEY, HUNT, HOWARD B., and DICKINSON, R. HUGH:** Effect of x-ray irradiation upon bacterial toxemia in rabbits, Oct., 330
- BLACKWOOD, W.** See LEARMONTH, J. R.
- BLADDER**
- obstruction
- extravesical lesions causing bladder neck obstruction, S. W. Donaldson and R. K. Ratliff, Oct., 319
- pathology
- late bladder injuries following treatment of carcinoma of cervix (ab), David M. Farrell and George A. Hahn, Dec., 617
- roentgenography
- incidental findings in urograms concerning the uterus (ab), J. T. Marr and U. V. Portmann, Nov., 528
- BLADES, BRIAN, and DUGAN, DAVID J.:** Pseudobronchiectasis (ab), Oct., 404
- See KENT, EDWARD M.
- BLADY, JOHN V., and CHAMBERLAIN, W. EDWARD:** Treatment of cancer of the larynx by roentgen irradiation: report of five year end-results (ab), Nov., 529
- BLAND, EDWARD F.:** Foreign bodies in and about the heart (ab), Dec., 602
- BLAST.** See Explosions
- BLASTOMYCOSIS**
- blastomycosis of skeletal system: summary of 67 recorded cases and a case report (ab), Paul C. Colonna and Thomas Gucker, 3d, Dec., 609
- See THORNTON, T. F., Jr.
- BLOOD**
- phosphorus
- intractable hypophosphatemic rickets with renal glycosuria and acidosis (the Fanconi syndrome): report of a case in which increased urinary organic acids were detected and identified, with review of literature (ab), D. J. McCune, H. H. Mason, and H. T. Clarke, July, 96
- BLOOD VESSELS.** See Arteries; Veins
- BLOOD, NATHAN, and MOSS, LLOYD J.:** Case of Morvan's type of syringomyelia (ab), Oct., 412
- BODY SECTION ROENTGENOGRAPHY**
- laminographic studies of aorta: their advantages and limitations (ab), Wendell G. Scott and Donald S. Bottom, Aug., 200
- BOECK SARCOID.** See Sarcoidosis
- BOLYARD, MIRIAM.** See STEINER, PAUL E.
- BONES**
- See also under names of bones
- abscess
- solitary eccentric (cortical) abscess (ab), R. C. Brown and Ralph K. Ghormley, Sept., 308
- atrophy
- osteochondral hypothyroidism: two cases (ab), R. Hermon, Aug., 205
- cancer
- regression of bone metastases from breast cancer after ovarian sterilization (ab), Max Ritvo and Oscar Peterson, Jr., Oct., 422
- cysts
- solitary cyst: report of case of twenty years' duration (ab), Samuel Kleinberg, Dec., 612
- diseases
- blastomycosis of skeletal system: summary of 67 recorded cases and a case report (ab), Paul C. Colonna and Thomas Gucker, 3d, Dec., 609
- radiological appearances in cases of tropical ulcer (ab), J. A. Brocklebank, Aug., 204
- x-ray appearances in yaws (ab), Carl H. Goldmann and Stephen J. Smith, Aug., 204
- fractures. See Fractures; under names of bones
- growth
- cause of discrepancy in length of limbs following tuberculosis of hip in children. Arrest of growth from premature central closure of epiphyseal cartilages about the knee (ab), Gerald G. Gill, Dec., 610
- clinical and roentgenological study of effects of hormonal therapy on bone growth, Rita S. Finkler, Nathan J. Furst, and Michael Klein, Oct., 346
- growth of major long bones in healthy children: preliminary report on successive roentgenograms of extremities from early infancy to twelve years of age (ab), Marion M. Maresh, Aug., 203
- pathology
- Gaucher's disease (ab), Samuel Levine and Leon Solis-Cohen, July, 97
- monocytic leukemia associated with bone changes (ab), Robert J. Kositchek, July, 97
- pulmonary and osseous scleroses of tuberculous scleritis, with some remarks on their pathogenesis (ab), Alfred J. Ackermann, Oct., 413
- unusual osseous disease with neurologic changes: report of 2 cases (ab), Conrad M. Riley and Harry Schwachman, Aug., 204
- tumors
- eosinophilic granuloma of bone: condition affecting one, several, or many bones, but apparently limited to the skeleton, and representing the mildest clinical expression of the peculiar inflammatory histiocytosis also underlying Letterer-Siwe disease and Schüller-Christian disease (ab), Henry L. Jaffe and Louis Lichtenstein, Oct., 414
- neurofibromatosis (ab), Murray M. Friedman, Dec., 606
- BONNIN, J. GRANT, and GREENING, W. F.:** Fractures of the triquetrum (ab), Aug., 208
- BOOKS RECEIVED (Not Reviewed)**
- Hotchkiss, Robert Sherman.** Fertility in Men. A Clinical Study of the Causes, Diagnosis, and Treatment of Impaired Fertility in Men, Aug., 189
- Meakins, Jonathan Campbell.** The Practice of Medicine, Oct., 394
- Osborne, Stafford L., and Holmquest, Harold J.** Technic of Electrotherapy and Its Physical and Physiological Basis, Aug., 190
- Publicaciones del centro de investigaciones fisiológicas,** Dec., 594
- Siegler, Samuel L.** Fertility in Women. Causes, Diagnosis, and Treatment of Impaired Fertility, Aug., 189
- Thewlis, Malford W.** Metastases, Medical and Surgical, Nov., 519
- Tidy, Henry, and Short, A. Rendle,** editors. Medical Annual 1944. A Year Book of Treatment and Practitioner's Index, Nov., 519
- Waters, Charles A., Firor, Whitmer B., and Kaplan, Ira I.,** editors. The 1944 Year Book of Radiology, Dec., 594
- BOOK REVIEWS**
- Bargen, J. Arnold.** The Modern Management of Colitis, Nov., 520
- Barzilai, Gemma.** Atlas of Ovarian Tumors, Oct., 395
- Dodson, Austin Ingram, and others.** Urological Surgery, Sept., 299
- Hodges, Fred Jenner.** The Gastro-Intestinal Tract. A Handbook of Roentgen Diagnosis, Dec., 594
- Mayer, Edgar,** editor. Radiation and Climatic Therapy of Chronic Pulmonary Diseases, with Special Reference to Natural and Artificial Heliotherapy, X-Ray Therapy, and Climatic Therapy of Chronic Pulmonary Diseases and All Forms of Tuberculosis, Nov., 519
- Myerson, Mervin C.** Tuberculosis of the Ear, Nose, and Throat: Including the Larynx, the Trachea, and the Bronchi, Oct., 395
- Rich, Arnold R.** The Pathogenesis of Tuberculosis, Oct., 394
- di Rienzo, S.** Exploración radiológica del bronquio, Aug., 190
- Sladen, Frank J.,** editor. Psychiatry and the War. A Survey of the Significance of Psychiatry and Its Relation to Disturbances in Human Behavior to Help Provide for the Present War Effort and for Post War Needs, Oct., 395
- Templeton, Frederic E.** X-Ray Examination of the Stomach. A Description of the Roentgenologic Anatomy, Physiology, and Pathology of the Esophagus, Stomach, and Duodenum, Nov., 520
- BORMAN, CHAUNCEY N.:** Ulcer in the descending duodenum (ab), July, 93
- BOTTOM, DONALD S.** See SCOTT, WENDELL G.
- BRAASCH, WM. F., and HENDRICK, JOHN A.:** Renal cysts, simple and otherwise (ab), Aug., 209
- BRADFORD, F. KEITH:** Intervertebral disc problem in the Navy (ab), Nov., 527
- BRADLEY, J. EDMUND, and GREINER, D. JAMES:** Diaphragmatic hernia (ab), Aug., 203
- BRAESTRUP, C. B.:** Industrial radiation hazards, Sept., 286

**BRILSFORD, JAMES F.:** Diagnosis and treatment of osteoclastoma, July, 35  
Radiographic findings in idiopathic steatorrhea (ab), Sept., 307

## **BRAIN**

**abnormalities**  
—cervical syringomyelia and syringomyelia-like states associated with Arnold-Chiari deformity and platybasia (ab), Ben W. Lichtenstein, Dec., 599

## **abscess**

—rupture of left temporoparietal abscess into ventricle: report of case, with recovery (ab), Louis E. Wolfson, Oct., 400

## **atrophy**

—Morgagni-Stewart-Morel syndrome. Report of case with pneumoencephalographic findings (ab), Matthew T. Moore, Dec., 599

## **cysts**

—agenesis of corpus callosum with possible porencephaly: review of literature and report of a case (ab), A. T. Bunts and J. S. Chaffee, Dec., 599

**roentgenography.** See also other subheads under Brain

—arachnoidacty (Marian syndrome) in four siblings, with pneumoencephalographic observations of two (ab), Harry D. Pasachoff, M. J. Madonick, and Carl Drayer, Oct., 412

—encephalographic ratio for estimating size of cerebral ventricles: further experience with serial observations (ab), William A. Evans, Jr., July, 88

—pneumoencephalography in study of sequelae of head injuries (ab), Frank H. Mayfield and Joseph C. Bell, Nov., 524

## **tumors**

—normal air encephalograms in patients with convulsive seizures and tumors of brain (ab), H. Houston Merritt and Charles Brenner, Oct., 400

**BRACELEY, ELIZABETH:** Late rickets (ab), July, 95

**BRANCH, HIRA E.:** March fractures of the femur (ab), Dec., 612

## **BREAST**

### **cancer**

—associated with acanthosis nigricans: review of literature and report of case of acanthosis nigricans with cancer of breast (ab), Helen O. Curth, July, 102

—fractures of rib cage following interstitial radium therapy (ab), Hoke Wanmook and Robert K. Arbuckle, July, 106

—influence of irradiation of ovaries upon estrus and neoplastic development in Marsh-Buffalo mice, Fritz Bischoff, Henry J. Ullmann, and Louise P. Ingraham, July, 55

—modern trends in treatment of carcinoma (ab), Oliver Chance, Dec., 615

—regression of bone metastases from breast cancer after ovarian sterilization (ab), Max Ritvo and Oscar S. Peterson, Jr., Oct., 422

—spontaneous rib fractures following irradiation (ab), Asa B. Friedmann, July, 106

—treatment and late results (ab), N. Puente Duany, Rafael Canizares, and Ernesto Fontes Abreu, July, 100

**BRENNER, CHARLES.** See **MERRITT, H. HOUSTON**

**BREWER, ARTHUR A., and ZINK, OSCAR C.:** Radiation therapy of acute subdeltoid bursitis (ab), July, 105

**BROCK, R. C.** See **LIVINGSTONE, J. L.**

**BROCKLEBANK, J. A.:** Radiological appearances of bone in cases of tropical ulcer (ab), Aug., 204

**BROCO-BELOT TECHNIC.** See **Skin, cancer**

**BRODEUR, PAUL:** Brocq-Belot's technique in the treatment of superficial skin cancers (ab), July, 99

**BRODIE, ALLAN G., and SARNAT, BERNARD G.:** Ectodermal dysplasia (anhidrotic type) with complete anodontia: serial roentgenographic cephalometric appraisal (ab), July, 88

## **BRONCHI**

**cancer.** See also Lungs, cancer

—obstructive emphysema and atelectasis in same lung resulting from bronchogenic carcinoma (ab), Abraham G. Cohen, July, 89

—roentgen rays in treatment of carcinoma, with an analysis of 69 cases treated in State of Wisconsin General Hospital from 1933 to 1943 (ab), Ernst A. Pohle and Evelyn L. Siris, Nov., 529

## **cysts**

—diagnosis and treatment of bronchiogenic cysts of mediastinum and lung (ab), Robert K. Brown and Laurence L. Robbins, Nov., 525

## **roentgenography**

—diagnosis of bronchiectasis in young adults. Prebronchographic roentgen manifestations observed among military personnel (ab), William A. Evans, Jr., and Leon J. Galinsky, Dec., 600

## **stricture**

—benign non-tuberculous stenosis (ab), Herbert W. Schmidt, Sept., 306

## **tuberculosis**

—lower lobe bronchiectasis associated with tuberculosis (ab), E. B. Mitchell and T. F. Thornton, Aug., 199

## **tumors**

—adenoma of bronchus: clinical and roentgenologic study with a report of seven cases, Thomas Lowry and Leo G. Rigler, Sept., 213

—adenoma of trachea and bronchus (ab), Leo Schwartz, Oct., 407

## **BRONCHIECTASIS**

—diagnosis in young adults. Prebronchographic roentgen manifestations observed among military personnel (ab), William A. Evans, Jr., and Leon J. Galinsky, Dec., 600

—plea for prevention (ab), Karl Kornblum, Oct., 404

—prevention (ab), Louis H. Clerf, Dec., 600

—pseudobronchiectasis (ab), Brian Blades and David J. Dugan, Oct., 404

tuberculous. See **Bronchi, tuberculosis**

**BROWN, CHARLES L.** See **LEARNER, NORMAN**

**BROWN, MERLE J., and BROWN, WALTER E., Jr.:** Subastragloid dislocation: report of an unusual ski injury (ab), Oct., 417

**BROWN, R. C., and GHORMLEY, RALPH K.:** Solitary eccentric (cortical) abscess in bone (ab), Sept., 308

**BROWN, ROBERT K., and ROBBINS, LAURENCE L.:** Diagnosis and treatment of bronchiogenic cysts of the mediastinum and lung (ab), Nov., 525

**BROWN, SAMUEL, FLACHS, KAMILLO, and WASSERMAN, PHILIP:** Aberrant pancreatic tumor in the duodenal wall: case, Oct., 385

**BROWN, W. H.** See **JENKINSON, E. L.**

**BROWN, WALTER E., Jr.** See **BROWN, MERLE J.**

**BRUCE, JAMES W.** See **CHALKLEY, THOMAS**

**BRUNNER, HANS:** Chronic osteomyelitis of the skull (ab), Aug., 206

**BRYAN, MARGARET S.** See **JAMISON, S. CHAILLE**

**BUCHLER, MARIE S.:** Pulmonary tuberculosis in Wellington: a radiological investigation among office and factory workers and secondary school children (ab), Dec., 600

**BUNTS, A. T., and CHAFFEE, J. S.:** Agenesis of the corpus callosum with possible porencephaly: review of literature and report of a case (ab), Dec., 599

**BURNETT, C. W. F.** See **HARTLEY, J. BLAIR**

**BURROWS, H., and CLARKSON, J. R.:** Role of inflammation in induction of cancer by x-rays (ab), Oct., 424

## **BURSA**

### **inflammation**

—acute calcified subacromial or subdeltoid bursitis (ab), Frank R. Guido, Oct., 418

—radiation therapy of acute subdeltoid bursitis (ab), Arthur A. Brewer and Oscar C. Zink, July, 105

**BUSCHKE, FRANZ, and CANTRIL, SIMEON T.:** Course of postoperative parotitis under radiation therapy (ab), Sept., 318

—See **CANTRIL, SIMEON T.**

**BUTCHER, JAMES.** See **KING, LESTER S.**

## **C**

**CALDWELL, GUY A.:** Symposium on low back pain. Spondylolisthesis: analysis of 59 consecutive cases (ab), Dec., 606

**CAMP, JOHN D., and COVENTRY, MARK B.:** Use of special views in roentgenography of the knee joint (ab), Sept., 31

**CAMPBELL, R. J. C.** See **PORRITT, ARTHUR E.**

**CAMPBELL, THOMAS A.** See **PROCTOR, SAMUEL E.**

## **CANCER**

See also Sarcoma; Tumors; and under names of organs and regions

### **complications and sequels**

—cancer associated with acanthosis nigricans: review of literature and report of case of acanthosis nigricans with cancer of breast (ab), Helen O. Curth, July, 102

### **etiology and pathogenesis**

—role of inflammation in induction of cancer by x-rays (ab), H. Burrows and J. R. Clarkson, Oct., 424

### **in children**

—carcinoma of lung in ten year old Negro boy (ab), Béla Halpert and Peter E. Russo, Nov., 525

**metastases.** See also **Bones, cancer**

—carcinoma of the thoracic esophagus: some notes on its pathology and spread in relation to treatment (ab), J. A. C. Fleming, July, 100

### **pain in**

—neurosurgery and radiation for relief of pain in advanced cancer, George Cooper, Jr. and Vincent W. Archer, Aug., 142

### **radiotherapy**

—effects of irradiation on cardiovascular system (ab), John E. Leach, July, 106

—simplified method of studying volume dose distribution (ab), E. M. Ungar, Sept., 318

—three and one-half years' experience with 1,000 kilovolt roentgen therapy unit at Memorial Hospital (ab), Alfred F. Hocker and Ruth J. Guttman, Aug., 211

### **therapy**

—castration for advanced malignant growth: short historical review with a case report, Wm. E. Howes, Sept., 272

—neurosurgery and radiation for relief of pain in advanced cancer, George Cooper, Jr. and Vincent W. Archer, Aug., 142

**CANIZARES, RAFAEL.** See **PUNTE DUANY, N.**

**CANTRIL, SIMEON T., and BUSCHKE, FRANZ:** Roentgen therapy in gas bacillus infection. Report of nine cases with recovery, Oct., 333

—See **BUSCHKE, FRANZ**

**CARDIA.** See **Stomach, tumors**

**CARDIOSPASM.** See **Stomach, cardiospasm**

- CARDIOVASCULAR SYSTEM**  
 —See also Heart  
 —effects of roentgen irradiation on cardiovascular system (ab), John E. Leach, July, 106  
**roentgenography**  
 —angiocardiology: anatomy of the heart in health and disease, Henry K. Taylor and Teresa McGovern, Oct., 364  
**CARLSON, GLENN D., and WERTZ, ROYAL F.:** March fracture, including others than those of the foot, July, 48  
**CASTRATION**  
 —See also Ovary, irradiation  
 —castration for advanced malignant growth: short historical review with a case report, Wm. E. Howes, Sept., 272  
**CECUM**  
**ulcers**  
 —symposium on abdominal surgery. Simple penetrating ulcer of cecum (ab), Curtice Rosser, Nov., 527  
**CELIAC DISEASE**  
 —radiographic findings in idiopathic steatorrhea (ab), J. F. Brailsford, Sept., 307  
**CEPHALHEMATOMA.** See Cranium, hematoma  
**CEPHALOMETRY.** See Craniometry  
**CEREBRUM.** See Brain  
**CHAFFEE, J. S. See BUNTS, A. T.**  
**CHALKLEY, THOMAS, and BRUCE, JAMES W.:** Neurofibromatosis of the colon, small intestine and mesentery in a child (ab), July, 94  
**CHAMBERLAIN, W. EDWARD.** See BLADY, JOHN V.  
**CHANCE, OLIVER:** Modern trends in the treatment of carcinoma of the breast (ab), Dec., 615  
**CHICKENPOX**  
 —atypical pneumonia complicating varicella in an adult (ab), L. E. Rausch, T. J. Grable, and J. H. Musser, July, 90  
**CHILDE, A. E. See McNALLY, W. J.**  
**CHILDREN**  
 —See also Infants  
 —acute lymphatic leukemia in childhood (ab), Dorothy Falkenstein and Willis M. Fowler, July, 103  
 —acute suppurative arthritis of hip in childhood (ab), Peter E. Russo, Nov., 528  
 —carcinoma of lung in ten year old Negro boy (ab), Béla Halpert and Peter E. Russo, Nov., 525  
 —cause of discrepancy in length of the limbs following tuberculosis of hip in children. Arrest of growth from premature central closure of the epiphyseal cartilages about the knee (ab), Gerald G. Gill, Dec., 610  
 —coarctation of aorta in childhood: review of literature and report of three cases (ab), Paul H. Rhodes and Edgar Durbin, July, 91  
 —complete roentgen and ophthalmologic examination for ochronosis in two alcaptonuric children (ab), Lynn D. Abbott, Jr., Frederick B. Mandeville, and Walter J. Rein, Sept., 312  
 —evaluation of roentgen studies in heart disease in children (ab), Sol P. Ditzkowsky and Edwin Rypins, July, 91  
 —growth of major long bones in healthy children: preliminary report on successive roentgenograms of extremities from early infancy to twelve years of age (ab), Marion M. Maresh, Aug., 203  
 —neurofibromatosis of colon, small intestine and mesentery in a child (ab), Thomas Chalkley and James W. Bruce, July, 94  
 —osteochondros deformans tibiae: nonrachitic bow leg in children (ab), C. Glenn Barber, July, 96  
 —polypoid lesions of colon in children (ab), Roger L. J. Kennedy, Claude F. Dixon, and Harry M. Weber, July, 94  
 —postoperative pulmonary collapse in childhood (ab), Clement J. Molony, Aug., 199  
 —pulmonary tuberculosis in Wellington: radiological investigation among office and factory workers and secondary school children (ab), Marie S. Buchler, Dec., 600  
 —retroperitoneal tumors in children (ab), Frederick Pilcher, July, 102  
 —tubercular adenopathy in young children (ab), Ira I. Kaplan, Oct., 423  
**CHOLANGIOGRAPHY.** See Biliary Tract, roentgenography  
**CHOLECYSTITIS.** See Gallbladder  
**CHOLECYSTOGRAPHY.** See Gallbladder, roentgenography  
**CHOLEDOCHUS.** See Bile Ducts  
**CHOLESTEATOMA.** See Tumors, cholesteatoma  
**CHOROID**  
 —intra-ocular calcium shadows: choroid ossification, Friedrich G. Kautz and Irving Schwartz, Nov., 486  
**CHRISTENSEN, F. C.:** Roentgen therapy of sinusitis, with special adapter, July, 21  
**CLAGETT, O. THERON, and HAUSMANN, PAUL F.:** Huge intrathoracic fibroma: report of case (ab), Oct., 407  
**CLARKE, H. T. See McCune, D. J.**  
**CLARKSON, J. R. See BURROWS, H.**  
**CLEMENT, BAXTER L.:** March fractures (ab), Aug., 200  
**CLERF, LOUIS H.:** Prevention of bronchiectasis (ab), Dec., 600  
**CLINICO-PATHOLOGICAL CONFERENCES**  
 —lymphoblastoma of Hodgkin's sarcoma type, involving mainly the small intestine, appendix, spleen and abdominal pelvic lymph nodes, E. Lee Shrader, L. R. Sante, and W. A. D. Anderson, Sept., 293  
 —osteochondrosarcoma, G. E. Haggart, Hugh F. Hare, and J. H. Marks, Oct., 378  
**CLOSTRIDIUM.** See Bacteria, clostridium; Gangrene, gas
- CLOWARD, R. B., and KEPNER, R. D.:** Meningioma of thirty years' duration: report of a case (ab), Dec., 615  
**COCCIDIOIDOMYCOSIS**  
 —roentgenological types of pulmonary lesions in primary coccidioidomycosis (ab), Justin R. Colburn, Aug., 199  
**COHEN, ABRAHAM G.:** Obstructive emphysema and atelectasis in the same lung resulting from bronchogenic carcinoma (ab), July, 89  
**COLBURN, JUSTIN R.:** Roentgenological types of pulmonary lesions in primary coccidioidomycosis (ab), Aug., 199  
**COLCHER, A. E., and SUSSMAN, WALTER:** Practical technique for roentgen pelvimetry with a new positioning (ab), Sept., 312  
**COLE, LEWIS GREGORY:** Pneumoconiosis: story of dusty lungs (ab), Sept., 305  
**COLLINS, VINCENT P.:** Peptic ulcer and chronic gastritis (ab), July, 93  
**COLON**  
 —See also Sigmoid  
**dilatation**  
 —dyschezia and megacolon (communication), Arthur Hurst, Aug., 188  
**diseases**  
 —roentgen study of lymphogranuloma venereum: report of 24 cases (ab), I. Klein, Aug., 202  
**diverticula.** See Intestines, diverticula  
**fistula.** See Fistula  
**tumors**  
 —neurofibromatosis of colon, small intestine and mesentery in a child (ab), Thomas Chalkley and James W. Bruce, July, 94  
 —polypoid lesions in children (ab), Roger L. J. Kennedy, Claude F. Dixon, and Harry M. Weber, July, 94  
**COLONNA, PAUL C., and GUCKER, THOMAS, 3d:** Blastomycosis of the skeletal system: summary of 67 recorded cases and a case report (ab), Dec., 609  
**CONDON, E. U.**  
 —election to National Academy of Sciences, Sept., 299  
**CONTRAST MEDIA.** See Gallbladder, roentgenography; Gastrointestinal Tract, roentgenography; Pantopaque; etc.  
**COOLEY SYNDROME.** See Anemia, erythroblastic  
**COOPER, GEORGE, Jr., and ARCHER, VINCENT W.:** Neurosurgery and radiation for the relief of pain in advanced cancer, Aug., 142  
**COOPER, ROBERT WILLIAMS (obit),** July, 81  
**COPEMAN, W. S. C. See EDWARDS, HAROLD**  
**COPEMAN, BENJAMIN.** See LAVNER, GERALD  
**CORCORAN, WILLIAM J.:** Erythroblastic anemia, with report of case in a boy eight years old, Oct., 373  
**CORPUS CALLOSUM**  
 —agenesis of corpus callosum with possible porencephaly: review of literature and report of case (ab), A. T. Bunts and J. S. Chaffee, Dec., 599  
**CORRELL, HOWARD L., and COWAN, IRVING I.:** Primary atypical pneumonia: analysis of therapeutic results in 155 cases (ab), Aug., 199  
**COVENTRY, MARK B. See CAMP, JOHN D.**  
**COWAN, IRVING I. See CORRELL, HOWARD L.**  
**COWING, RUSSELL F. See WARREN, SHIELDS**  
**COXITIS.** See Hip  
**CRANG, C. L.:** Evaluation of roentgen therapy in disease of the sinuses (ab), July, 105  
**CRANIOMETRY**  
 —ectodermal dysplasia (anhidrotic type) with complete anodontia: serial roentgenographic appraisal (ab), Allan G. Brodie and Bernard G. Sarnat, July, 88  
**CRANIUM**  
**foreign bodies**  
 —first demonstration by roentgen rays (ab), Cobb Pilcher, Aug., 198  
**hematoma**  
 —causation and characteristics of cephalhematomata (ab), J. Blair Bartley and C. W. F. Burnett, Oct., 400  
**osteomyelitis**  
 —chronic osteomyelitis of skull (ab), Hans Brunner, Aug., 206  
**pathology**  
 —Morgagni-Stewart-Morel syndrome (hyperostosis): case with pneumocephalographic findings (ab), Matthew T. Moore, Dec., 599  
**CROOKS, F., and BIRKETT, A. N.:** Fractures and dislocations of cervical spine (ab), Aug., 207  
**CRYSLER, W. E.:** Roentgenographic manifestations of atypical pneumonia of unknown etiology (ab), Oct., 404  
**CULVER, G. J. See JACOBS, E. A.**  
**CURARE**  
 —vertebral fractures in metrazol therapy with and without the use of curare as a supplement (ab), N. L. Easton and Joseph Sommers, Oct., 417  
**CURTIS, HELEN O.:** Cancer associated with acanthosis nigricans: review of literature and report of case of acanthosis nigricans with cancer of breast (ab), July, 102  
**CUTLER, MAX:** Cancer of the larynx: radiotherapeutic test as an aid in choosing between operation and irradiation (ab), Sept., 315  
**CYSTADENOMA.** See Tumors, cystadenoma  
**CYSTS.** See Lungs, cysts; Mediastinum, cysts; etc.



- DANIELIUS, GERHARD:** The value of the axial projection of the petrous bone in the diagnosis of chronic mastoiditis and cholesteatoma, Nov., 493
- DARLING, A. PERRY.** See **STEINHAUSEN, THEODORE B.**
- DAVIDSON, MAURICE, KERLEY, PETER, et al:** Discussion on organization of a fluorographic service for the civilian community (ab), Oct., 401
- DAVIES, T. W.** See **ASLETT, E. A.**
- DAY, JANE M.** See **JAMISON, S. CHAILLE**
- DEFECATION**  
—dyschezia and megacolon (communication), Arthur Hurst, Aug., 188
- DEFICIENCY DISEASES**  
—small intestinal disorders in avitaminosis (ab), Norman Learner, Herbert M. Stauffer, and Charles L. Brown, Dec., 605
- DEN, A. J.** See **MERRITT, E. A.**
- DEXTRO-DESOXYEPHEDRINE**  
—irradiation sickness: hypothesis concerning basic mechanism and a study of the therapeutic effect of amphetamine and dextro-desoxyephedrine (ab), E. L. Jenkinson and W. H. Brown, Dec., 617
- DHAYAGUDE, R. G.:** Erythroblastic anemia of Cooley (familial erythroblastic anemia) in an Indian boy (ab), Dec., 612
- DIABETES, RENAL**  
—intractable hypophosphatemic rickets with renal glycosuria and acidosis (the Fanconi syndrome): report of case in which increased urinary organic acids were detected and identified, with review of literature (ab), D. J. McCune, H. H. Mason, and H. T. Clarke, July, 96
- DIAPHRAGM**  
—volvulus of sigmoid colon: discussion of combined volvulus and hepatodiaphragmatic interposition (ab), J. G. Probst and H. R. Senturia, July, 94
- hernia.** See **Hernia, diaphragmatic**
- roentgenography**  
—diagnosis of some of lesions adjacent to and involving diaphragm (ab), Eugene P. Pendergrass, Oct., 411
- in amebic hepatitis (ab), J. Munk, Oct., 410
- DICKINSON, R. HUGH.** See **BISGARD, J. DEWEY**
- DIGESTIVE SYSTEM**  
See also **Colon;** **Duodenum;** **Gastro-Intestinal Tract;** **Intestines;** **Stomach;** etc.
- diseases**  
—dyspepsia; an investigation (ab), Harold Edwards and W. S. C. Copeman, July, 92
- relation of coincident anomalies of gastro-intestinal tract and renal ptosis to digestive disturbances, W. E. Kelley, July, 30
- DILLMAN, MELVIN A.** See **HORWITZ, THOMAS**
- DINGLE, JOHN H., et al:** Primary atypical pneumonia, etiology unknown (ab), Nov., 524
- DIODRASE.** See **Iodine and Iodine Compounds**
- DIRECTORY OF MEDICAL SPECIALISTS**  
—announcement, Dec., 594
- DISABILITY**  
—percentage of disability (communication), I. S. Trostler, Aug., 189
- DITKOWSKY, SOL P., and RYPINS, EDWIN:** Evaluation of roentgen studies in heart disease in children (ab), July, 91
- DIVERTICULA.** [See **Intestines, diverticula;** **Urethra, diverticula**]
- DIXON, CLAUDE F.** See **KENNEDY, ROGER L. J.**
- DOBBIE, J. L.** See **LIVINGSTONE, J. L.**
- DOBELLE, MARTIN.** See **PROCTOR, SAMUEL E.**
- DOCKERTY, MALCOLM B.** See **GRAY, HOWARD K.**
- DOLJANSKI, L., GOLDBERGER, G., and HALBERSTADTER, L.:** Comparative studies on the radiosensitivity of normal and malignant cells in culture. II. The delayed lethal effect (ab), Nov., 530
- See **GOLDBERGER, G.**
- DONALDSON, S. W., and RATLIFF, R. K.:** Extravesical lesions causing bladder neck obstruction, Oct., 319
- DONALDSON, TECHNIC.** See **Uterus, cancer**
- DOUGHTY, WILLIAM McDOWELL** (obit), July, 81
- DRAYER, CARL.** See **PASACHOFF, HARRY D.**
- DUFRESNE, ORIGÈNE.** See **GENDREAU, J. E.**
- DUGAN, DAVID J.** See **BLADES, BRIAN**
- DUNGAN, CLARENCE E.** See **STEINHAUSEN, THEODORE B.**
- DUNHAM, H. KENNON** (obit), Aug., 192
- DUNLAP, HAROLD J.** See **BERK, J. EDWARD**
- DUNNER, LASAR:** Occupational disease of the lungs in boiler makers (ab), Sept., 306
- DUODENUM**  
—gastric fibrosis involving duodenum (ab), Daniel N. Silverman and Louis L. Friedman, Oct., 409
- abnormalities**  
—congenital atresia of duodenum and ileum: report of two cases with successful results following operation (ab), Edwin M. Miller, Joseph Greengard, William B. Raycraft, and Irma McFadden, Aug., 202
- cancer**  
—carcinoma (ab), J. W. Howard, July, 93
- stoma.** See **Fistula**
- perforation**  
—roentgenologic aspects of retroperitoneal perforations, E. A. Jacobs, G. J. Culver, and E. C. Koenig, Dec., 563
- tumors**  
—aberrant pancreatic tumor in duodenal wall: case, Samuel Brown, Kamillo Flachs, and Philip Wasserman, Oct., 385
- ulcer.** See **Peptic Ulcer**
- DURBIN, EDGAR.** See **RHODES, PAUL H.**
- DWARFISM**  
**renal**  
—intractable hypophosphatemic rickets with renal glycosuria and acidosis (the Fanconi syndrome): report of case in which increased urinary organic acids were detected and identified, with review of literature (ab), D. J. McCune, H. H. Mason, and H. T. Clarke, July, 96
- osteonephropathy: clinical consideration of "renal rickets" (ab), Colter Rule and Arthur Grollman, Sept., 312
- renal rickets syndrome (ab), W. G. Hayward, Oct., 414
- DYSCHESIA.** See **Defecation**
- DYSPEPSIA**  
—an investigation (ab), Harold Edwards and W. S. C. Copeman, July, 92

## E

- EASTON, N. L., and SOMMERS, JOSEPH:** Vertebral fracture in metrazol therapy with and without the use of curare as a supplement (ab), Oct., 417
- ECTODERMAL DEFECT**  
—ectodermal dysplasia (anhidrotic type) with complete anodontia: serial roentgenographic cephalometric appraisal (ab), Allan G. Brodie and Bernard G. Sarnat, July, 88
- EDDY, C. E.:** Calibration of x-ray equipment for superficial therapy (ab), Dec., 617
- Development of centralised radon services in Australia,** Aug., 155
- EDITORIALS**  
anesthetics used in connection with roentgenology, John S. Lundy, Oct., 391
- fluoroscopy and leukemia, Sept., 297
- radiation therapist in contemporary medicine, Isadore Lampe, Aug., 181
- roentgen examination in surgical conditions of the lungs, Leo G. Rigler, Dec., 591
- significance of negative roentgenogram in search for pulmonary tuberculosis, Leo G. Rigler, July, 68
- the commercial exhibits, Nov., 512
- the joint meeting, Nov., 504
- the refresher courses, Nov., 516
- the scientific exhibits, Nov., 507
- EDWARDS, H. R., and SIEGEL, AARON:** The magazine cassette x-ray unit (ab), Dec., 614
- EDWARDS, HAROLD, and COPEMAN, W. S. C.:** Dyspepsia: an investigation (ab), July, 92
- EGBERT, E. W.** See **BALL, R. P.**
- EICHWALD, MAX.** See **VAUGHAN, W. W.**
- ELBOW**  
—congenital absence of patellae associated with arthrodysplasia of elbows and dystrophy of nails: a hereditary syndrome (ab), Hyman R. Senturia and Ben D. Senturia, Oct., 412
- ELECTROTHERAPY**  
—direct current combined with x-ray therapy: case of Kaposi sarcoma thus treated, Harry Sigel, Oct., 386
- ELEVENTH ANNUAL POSTGRADUATE DAY,** University of Toledo, Dec., 593
- ELLIS, F., and MILLER, H.:** Use of wedge filters in deep x-ray therapy (ab), Nov., 529
- ELLIS, JOHN D.:** Compression fractures of the vertebral bodies and other changes mistaken for them (ab), Aug., 208
- EMPHYSEMA**  
—emphysematous cholecystitis (ab), C. A. Stevenson, Aug., 202
- pulmonary**  
—obstructive emphysema and atelectasis in same lung resulting from bronchogenic carcinoma (ab), Abraham G. Cohen, July, 89
- EMPYEMA**  
—roentgenographic demonstration by diodrast of pleural walls in open empyema (ab), Joseph Gordon, Nov., 525
- ENCEPHALOGRAPHY.** See **Brain, roentgenography;** **Brain tumors;** etc.
- ENEMATA**  
—small intestinal (barium) enema (ab), Richard Schatzki, July, 94
- EOSINOPHILS**  
—eosinophilic granuloma of bone: a condition affecting one, several or many bones, but apparently limited to the skeleton, and representing the mildest clinical expression of the peculiar inflammatory histiocytosis also underlying Letterer-Siwe disease and Schüller-Christian disease (ab), Henry L. Jaffe and Louis Lichtenstein, Oct., 414
- Hand-Schüller-Christian syndrome and "eosinophilic or solitary granuloma of bone" (ab), Oscar Versiani, José Maria Figueiró, and Moacyr A. Junqueira, Oct., 413
- EPILATION.** See **Hair, removal**
- EPILEPSY**  
**diagnosis**  
—normal air encephalograms in patients with convulsive seizures and tumor of the brain (ab), H. Houston Merritt and Charles Brenner, Oct., 400

**EPIPHYSES**

- cause of discrepancy in length of limbs following tuberculosis of hip in children. Arrest of growth from premature central closure of epiphyseal cartilages about the knee (ab), Gerald G. Gill, Dec., 610
- osteochondral hypothyroidism: 2 cases (ab), R. Hermon, Aug., 205

**EPSTEIN, BERNARD S.** See **WASCH, MILTON G.**

**ERSKINE, ARTHUR W.**: Evolution of an improved transvaginal speculum, Aug., 170

**ERYTHEMA****nodosum**

- etiology (ab), Peter Kerley, Aug., 200

**ERYTHROBLASTOSIS.** See Anemia, erythroblastic

**ESOPHAGUS**

- achalasia (ab), Ralph F. Niehaus, Dec., 603

**atresia**

- congenital atresia, with tracheoesophageal fistula: transpleural operative approach (ab), Albert O. Singleton and Maynard D. Knight, Dec., 603

**cancer**

- carcinoma of thoracic esophagus: some notes on its pathology and spread in relation to treatment (ab), J. A. C. Fleming, July, 100
- x-ray treatment of carcinoma (ab), D. Waldron Smithers, Sept., 315

**fistula.** See **Fistula****roentgenography**

- barium-gelatin mixture for examination of digestive tract, Martin S. Abel, Aug., 175
- changes in esophagus in tuberculous mediastinitis (ab), Lloyd E. Hawes, Dec., 601
- kymography and its application to esophageal movement (ab), John W. McLaren, Sept., 307

**ulcers**

- peptic ulceration, with partial thoracic stomach (ab), A. S. Johnstone, Sept., 307

**ESTES, W. L., Jr., and BENNETT, B. A., Jr.**: Symposium on abdominal surgery. Acute perforation in gastroduodenal ulceration: with special reference to end-results (ab), Nov., 526

**ESTRUS**

- influence of irradiation of ovaries upon estrus and neoplastic development in Marsh-Buffalo mice, Fritz Bischoff, Henry J. Ullmann, and Louise P. Ingraham, July, 55

**EVANS, WILLIAM A., Jr.**: Encephalographic ratio for estimating size of cerebral ventricles: further experience with serial observations (ab), July, 88

—**and GALINSKY, LEON J.**: Diagnosis of bronchiectasis in young adults. Prebronchographic roentgen manifestations observed among military personnel (ab), Dec., 600

**EXPLOSIONS**

- immersion blast injuries of abdomen (ab), D. R. Webster, A. S. Ross, and E. L. Alford, July, 92

**EXTREMITIES****See also Legs**

- lateral rupture of intervertebral disks: common cause of shoulder and arm pain (ab), R. G. Spurling and Wm. B. Scoville, Dec., 607

**blood supply.** See **Veins, roentgenography**

- fractures. See also under names of bones
- roentgenographic diagnosis of torsional deformities in tubular bones (ab), Henry Milch, Oct., 416

**wounds and injuries**

- percentage of disability (communication), I. S. Trostler, Aug., 189

**EYES**

- intra-ocular calcium shadows: choroid ossification, Friedrich G. Kautz and Irving Schwartz, Nov., 486

**pigmentation**

- complete roentgen and ophthalmologic examination for ochronosis in two alcaptonuric children (ab), Lynn D. Abbott, Jr., Frederick B. Mandeville, and Walter J. Rein, Sept., 312

**F**

**FALKENSTEIN, DOROTHY, and FOWLER, WILLIS M.**: Acute lymphatic leukemia in childhood (ab), July, 103

**FALLOPIAN TUBES****roentgenography**

- venous intravasation during uterosalpingography (ab), E. Rohan Williams, Oct., 418

**FANCONI SYNDROME.** See Dwarfism, renal

**FARELL, DAVID M., and HAHN, GEORGE A.**: Late bladder injuries following treatment of carcinoma of cervix (ab), Dec., 617

—See **SCHEFFEY, LEWIS C.**

**FATIGUE**

- fractures (march fractures). See Fractures: names of bones
- FAWCITT, RICHARD.**: Radiologic evidence in haematite iron-ore workers (ab), Sept., 306

**FELDMAN, MAURICE.**: Life cycle of carcinoma of the stomach: report of three interesting cases of carcinoma of the pylorus (ab), Aug., 201

**FEMUR****fractures**

- combination of nail and screw for fixation of fractures of neck of femur (ab), Herbert A. Johnston, Oct., 417
- march fractures (ab), Samuel E. Proctor, Thomas A. Campbell, and Martin Dobelle, Dec., 611

- march fractures (ab), Hira E. Branch, Dec., 612

**pathology**

- role of aseptic necrosis in hip lesions (ab), Ernst Bergmann, Oct., 415

**Pellegrini-Stieda disease**

- (ab), Morris Reingold and James W. Nellen, Aug., 205

**tumors**

- Hand-Schüller-Christian syndrome and "eosinophilic or solitary granuloma of bone" (ab), Oscar Versiani, José Maria Figueiró, and Moacyr A. Junqueira, Oct., 413

**FETTER, THEODORE R.**: Management of bilateral ureteral obstruction (ab), Aug., 210

**FETUS****abnormalities.** See **Monsters, cephalic****FIBROBLASTS.** See **Tissue****FIBROMA.** See **Tumors, fibroma****FIBULA****fractures**

- avulsion fractures (ab), Morris I. Bierman, Aug., 208
- march fracture: report of case involving both fibulae (ab), A. Scott Hamilton and Howard E. Finklestein, Aug., 209

**FICARRA, BERNARD J.** See **LIONELLO, JOSEPH FIGUEIRO, JOSE MARIA.** See **VERSANI, OSCAR FINGERS AND TOES**

**abnormalities**

- arachnodactyly (Marfan syndrome) in four siblings, with pneumoencephalographic observations of two (ab), Harry D. Pasachoff, M. J. Madonick, and Carl Drayer, Oct., 412

**cysts**

- epidermoid (squamous epithelial) bone cyst of phalanx (ab), H. F. Pohlmann and M. Wachstein, Aug., 206

**FINKLER, RITA S., FURST, NATHAN J., and KLEIN, MICHAEL.**: Clinical and roentgenological study of the effects of hormonal therapy on bone growth, Oct., 346

**FINKLESTEIN, HOWARD E.** See **HAMILTON, A. SCOTT**

**FISTULA****cholecystoduodenal**

- spontaneous fistula in patient with primary hepatoma of liver: case, Raphael Pomeranz, Hugh G. Grady, Matthew Peelen, and Max Magnes, Dec., 582

**esophagogastral**

- diagnosed roentgenologically: case, James J. Waring and Ernst A. Schmidt, July, 59

**esophagotracheal**

- congenital atresia of esophagus, with tracheo-esophageal fistula: transpleural operative approach (ab), Albert O. Singleton and Maynard D. Knight, Dec., 603

**gastrocolic**

- unusual gastrocolic communication: case, Amos R. Shirley, Dec., 588

**FLACHS, KAMILLO.** See **BROWN, SAMUEL**

**FLAQUE, ALBERT V.** See **WANG, STANLEY, L.**

**FLEMING, J. A. C.**: Carcinoma of the thoracic oesophagus: some notes on its pathology and spread in relation to treatment (ab), July, 100

Investigations into the degree of scattered radiation received by x-ray workers during routine diagnostic examinations in a military hospital department (ab), Oct., 424

**FLUOROGRAPHY.** See Tuberculosis, Pulmonary, mass roentgenologic surveys.

**FONTS ABREU, ERNESTO.** See **PUNTE DUANY, N.**

**FOOT****dislocations**

- subastragaloid dislocation: report of an unusual ski injury (ab), Melville J. Brown and Walter E. Brown, Jr., Oct., 417

**FOREIGN BODIES**

- in and about the heart (ab), Edward F. Bland, Dec., 602
- practical method for localization and removal (ab), W. S. Hotchkiss, Sept., 314
- simple fluoroscopic method of localization, Clarence J. Zintheo, Jr., Oct., 376
- unusual stab wound: case, Daniel L. Maguire, Jr., and Bernard S. Kalayjian, July, 65

**FORSYTHE, WILLIAM E., Jr.**: Cystourethrographic diagnosis of prostatic disease (ab), July, 99

**FOWLER, WILLIS M.** See **FALKENSTEIN, DOROTHY**

**FRACTURES**

- march. See also names of bones, as Femur, Fibula, Metatarsus, etc.
- march fracture, including others than those of the foot, Glenn D. Carlson and Royal F. Wertz, July, 48
- "stress" or "fatigue" fractures of bone (ab), J. Blair Hartley, Sept., 309

**roentgenography**

- roentgenographic diagnosis of torsional deformities in tubular bones (ab), Henry Milch, Oct., 416
- x-ray evidence of old forgotten or previously undiagnosed fractures, J. E. Habbe and H. H. Wright, Dec., 531

**FRAMBESIA**

- x-ray appearances of bone in yaws (ab), Carl H. Goldmann and Stephen J. Smith, Aug., 204

**FRANK, RACHEL, and JACOBS, A. L.**: Chest screening in an ante-natal clinic (ab), Oct., 402

**FRANK, T. J. F.**: Osteomyelitis of the odontoid process of the axis (dens of the epistropheus) (ab), Oct., 415

**FRANKEL, E.**: Humero-radial synostosis (ab), Aug., 206

**FREDIANI, ALEXANDER W.** See **BERK, J. EDWARD**

**FREEDMAN, LESTER M. J., JACOB, HAROLD W., and ALLEY, REUBEN G.**: Primary carcinoma of the lung: review of 30 proven cases (ab), Oct., 422

**FREIREICH, KAL.**: Radiation therapy for obstructing tuberculous hilar lymph nodes (ab), Aug., 211

- FRENCH, J. DOUGLAS.** See **RAMSEY, GEORGE H.**  
**FRIEDMAN, LOUIS L.** See **SILVERMAN, DANIEL N.**  
**FRIEDMAN, MURRAY M.**: Neurofibromatosis of bone (ab), Dec., 606  
**FRIEDMANN, ASA B.**: Spontaneous rib fractures following irradiation for cancer of breast (ab), July, 106  
**FRONTAL BONE**  
 —fractures  
 —compound fronto-orbital fractures (8 cases) (ab), J. Schorstein, Aug., 207  
**FRONTAL SINUS**  
 mucocoele  
 —report of 5 cases in two of which at operation the mucocoele was found to be empty (ab), W. J. McNally, E. A. Stuart, and A. E. Child, July, 88  
**FUNGI.** See **Actinomyces**; **Coccidioidomycosis**; Lungs, mycosis; **Moniliasis**  
**FURLOW, LEONARD T.** See **SCOTT, WENDELL G.**  
**FURST, JOSEPH B.** See **STEINHAUSEN, THEODORE B.**  
**FURST, NATHAN J.** See **FINKLER, RITA S.**

## G

- GALINSKY, LEON J.** See **EVANS, WILLIAM A., Jr.**  
**GALL, EDWARD A.**: Surgical treatment of malignant lymphoma (ab), July, 103  
**GALLBLADDER**  
 diseases  
 —emphysematous cholecystitis (ab), C. A. Stevenson, Aug., 202  
 —functions after subtotal gastrectomy: clinical and roentgenological observations (ab), I. R. Jankelson and S. A. Robins, July, 95  
 roentgenography  
 —cholecystography and jaundice (ab), Frank Huber, Aug., 202  
 —phenodol (priodax): new contrast medium for cholecystography (ab), F. H. Kemp, July, 95  
 —Priodax: contrast medium for cholecystography. Analysis of 163 cases, outlining the various reactions in three technics and the operative findings in 22 cases, W. W. Vaughan and Max Eichwald, Dec., 578  
 tumors  
 —polyposis: case report (ab), J. Gregory Greco and Henry N. Harkins, Oct., 410  
**GALLOWAY, A. F.** See **WALD, MAURICE H.**  
**GANGLIONEUROMA.** See **Tumors, ganglioneuroma**  
**GANGRENE**  
 gas  
 —effects of radiation therapy in clostridium infection in sheep, E. A. Merritt, A. J. Den, and U. V. Wilcox, Oct., 325  
 —roentgen therapy in gas bacillus infection; report of 9 cases with recovery, Simeon T. Cantril and Franz Buschke, Oct., 333  
**GARGOYLISM.** See **Lipochondrodystrophy**  
**GASTRECTOMY.** See **Stomach, cancer**; **Stomach, surgery**  
**GASTRITIS.** See **Stomach, inflammation**  
**GASTRO-INTESTINAL TRACT**  
 See also **Digestive System**; **Intestines**; **Stomach**; etc.  
 abnormalities  
 —relation of coincident anomalies of gastro-intestinal tract and renal ptosis to digestive disturbance, W. E. Reiley, July, 30  
 roentgenography  
 —barium-gelatin mixture for examination of digestive tract, Martin S. Abel, Aug., 175  
 —roentgenological appearance of gastro-intestinal tract in scleroderma (ab), Clayton H. Hale and Richard Schatzki, Nov., 325  
 tumors  
 —lymphosarcoma: report of 20 cases (ab), Barton McSwain and John M. Beal, Sept., 317  
**GASTROSCOPY.** See **Stomach**  
**GAUCHER'S DISEASE.** See **Anemia, splenic**  
**GENDREAU, J. E., and DUFRESNE, ORIGÈNE:** Treatment of plantar warts (ab), July, 105  
**GORMLEY, RALPH K.** See **BROWN, R. C.**  
**GILL, GERALD G.**: Cause of discrepancy in length of the limbs following tuberculosis of the hip in children. Arrest of growth from premature central closure of epiphyseal cartilages about the knees (ab), Dec., 610  
**GLAZEBROOK, A. J.**: Koilonychia and polycythemia vera (ab), Oct., 424  
**GLYCOSURIA, RENAL.** See **Diabetes, Renal**  
**GODFREY, ELLWOOD W.** See **KERN, RICHARD A.**  
**GOLIN, LOWELL S.**  
 —President, California Medical Association, Sept., 299  
**GOLDHABER, G., DOLJANSKI, L., and HALBERSTAEDTER, L.**: Comparative studies on the radiosensitivity of normal and malignant cells in culture. III. Further studies on the inhibitory effect of x-rays on cell outgrowth (ab), Nov., 530  
 —See **DOLJANSKI, L.**  
**GOLDMANN, CARL H., and SMITH, STEPHEN J.**: X-ray appearance of the bones in yaws (ab), Aug., 204  
**GORDON, JOSEPH.** Roentgenographic demonstration by diiodrast of the pleural walls in open empyema (ab), Nov., 525  
**GRABLE, T. J.** See **RAUSCH, L. E.**  
**GRADY, HUGH, G.** See **POMERANZ, RAPHAEL**  
**GRAHAM, EVARTS A.** See **KENT, EDWARD M.**

## GRANULOMA

- eosinophilic. See **Bones, tumors**; **Femur, tumors**  
**GRAY, EDWIN F.**: Calcification of the spleen (ab), Oct., 411  
**GRAY, HOWARD K., SHEPARD, DUNCAN V., and DOCKERTY, MALCOLM B.**: Mediastinal ganglioneuroma (ab), Oct., 408  
**GREENGARD, JOSEPH.** See **MILLER, EDWIN M.**  
**GREENING, W. P.** See **BONNIN, J. GRANT**  
**GREGO, J. GREGORY, and HARKINS, HENRY N.**: Polypsis of the gallbladder: case report (ab), Oct., 410  
**GREINER, D. JAMES.** See **BRADLEY, J. EDMUND**  
**GRIESMAN, BRUNO L.**: Proper and improper administration of oily nasal sprays (ab), Oct., 400  
**GRIMES, ELMER L.** See **THOMPSON, CHARLES M.**  
**GRISHMAN, A., SUSSMAN, M. L., and STEINBERG, M. F.**: Atypical coarctation of the aorta, with absence of left radial pulse (ab), Oct., 409  
 —See **STEINBERG, M. F.**  
 —See **SUSSMAN, MARCY L.**  
**GROLLMAN, ARTHUR.** See **RULE, COLTER**  
**GUCKER, THOMAS, 3d.** See **COLONNA, PAUL C.**  
**GUIDO, FRANK R.**: Acute calcified subacromial or subdeltoid bursitis (ab), Oct., 418  
**GUTTMAN, RUTH J.** See **HOCKER, ALFRED F.**

## H

- HABBE, J. E., and WRIGHT, H. H.**: X-ray evidence of old forgotten or previously undiagnosed fractures, Dec., 531  
**HADDOW, A.** See **RICHES, E. W.**  
**HAGGART, G. E., HARE, HUGH F., and MARKS, J. H.**: Clinico-pathological conference, Oct., 378  
**HAHN, GEORGE A.** See **FARELL, DAVID M.**  
**HAHN, P. F.** See **POMMERENKE, W. T.**  
**HAIR**  
 removal  
 —ringworm of scalp: successful use of roentgen rays to epilate local areas of infection (ab), George M. Lewis and Mary E. Hopper, Oct., 424  
**HALBERSTAEDTER, L.** See **DOLJANSKI, L.**  
 —See **GOLDHABER, G.**  
**HALE, CLAYTON H., and SCHATZKI, RICHARD:** Roentgenological appearance of the gastrointestinal tract in scleroderma (ab), Nov., 325  
**HALPERT, BELA, and RUSSO, PETER E.**: Carcinoma of the lung in a ten year old Negro boy (ab), Nov., 525  
**HAMILTON, A. SCOTT, and FINKLESTEIN, HOWARD E.**: March fracture: report of case involving both fibulae (ab), Aug., 209  
**HAMMAN, LOUIS, and RICH, ARNOLD R.**: Acute diffuse interstitial fibrosis of the lungs (ab), Oct., 405  
**HAND-SCHÜLLER-CHRISTIAN SYNDROME.** See **Schüller-Christians Syndrome**  
**HARE, HUGH F.** See **HAGGART, G. E.**  
**HARKINS, HENRY N.** See **GREGO, J. GREGORY**  
**HARMON, PAUL H., and ADAMS, CARROLL O.**: Pyogenic coxitis: I. End results and considerations of diagnosis and treatment (ab), Dec., 609  
 Pyogenic coxitis: II. Indications for surgical treatment in residual and chronic stages and end-results of reconstruction in 53 patients (ab), Dec., 610  
**HARNETT, W. L.** See **LIVINGSTONE, J. L.**  
**HARRINGTON, RAYMOND J.**: Intrathoracic tumors as a problem in diagnosis (ab), Oct., 406  
**HARRIS, KARL S.** See **BARTELS, ROBERT N.**  
**HARTLEY, J. BLAIR:** "Stress" or "fatigue" fractures of bone (ab), Sept., 309  
 —and **BURNETT, C. W. F.**: Enquiry into causation and characteristics of cephalhematomata (ab), Oct., 400  
**HARTUNG, ADOLPH (obit).** Aug., 192  
**HATCH, WALTER E.**: Present status of intravenous and retrograde pyelography (ab), Dec., 612  
**HAUCH, P. P.**: Pneumoroentgenography of the knee joint (ab), Oct., 417  
**HAUSMANN, PAUL F.** See **CLAGETT, O. THERON**  
**HAWES, LLOYD E.**: Roentgenological changes in the esophagus in tuberculous mediastinitis (ab), Dec., 601  
**HAWLEY, SYDNEY J.**: Roentgen treatment of lymphoid tissue in the nasopharynx, Sept., 254  
**HAYWARD, W. G.**: Renal rickets syndrome (ab), Oct., 414  
**HEAD**  
 wounds and injuries  
 —pneumoencephalography in study of sequelae of head injuries (ab), Frank H. Mayfield and Joseph C. Bell, Nov., 524  
**HEART**  
 —foreign bodies in and about the heart (ab), Edward F. Bland, Dec., 602  
 abnormalities  
 —newer concepts in diagnosis of congenital heart disease (ab), Marcy L. Sussman, Arthur Grishman, and Morris F. Steinberg, July, 91  
 anatomy  
 —angiocardiology: anatomy of heart in health and disease, Henry K. Taylor and Teresa McGovern, Oct., 364  
 diseases  
 —evaluation of roentgen studies in children (ab), Sol P. Dikowsky and Edwin Rypins, July, 91  
 —sarcoidosis: report of case and review of literature (ab), John B. Johnson and Robert S. Jason, Oct., 409  
 failure. See **Heart, insufficiency**

- HEART**—*cont.*  
**hypertrophy**  
 —newer concepts in diagnosis of congenital heart disease (ab), Marcy L. Sussman, Arthur Grishman, and Morris F. Steinberg, July, 91  
**insufficiency**  
 —encapsulated pleural effusion due to heart failure: report of 2 cases (ab), Abraham H. Russakoff and Tobias Weinberg, Nov., 525  
**valves**. See Mitral Valve  
**HEFKE, H. W.**: Roentgen diagnosis of hypertrophic pyloric stenosis in infants, Sept., 267  
**HEMANGIOMA**. See Tumors, angioma  
**HEMATITE**  
 —radiological evidence in hematite iron-ore workers (ab), Richard Fawcitt, Sept., 306  
**HEMATOMA**. See Cranium, hematoma; Shoulder, hematoma  
**HENDRICK, JOHN A.**. See BRAASCH, WM. F.  
**HENRY, M. G.**: Fractures of the carpal scaphoid bone in industry and in the military service (ab), Dec., 611  
**HENSCHEL, AUSTIN, TAYLOR, HENRY L., and KEYS, ANCEL**: Gastric emptying time of man at high and normal environmental temperatures (ab), Dec., 603  
**HENSHAW, PAUL S.**: Influence of irradiation-killed cells on tumor growth (ab), Aug., 212  
 —Leukemia in mice following exposure to x-rays, Sept., 279  
**HEPATITIS**. See Amebiasis, hepatic  
**HEPATOMA**. See Liver, tumors  
**HERMON, R.**: Two cases of osteochondral hypothyroidism (ab), Aug., 205  
**HERNIA**  
**diaphragmatic**  
 —hernia (congenital hernia of liver) (ab), J. Edmund Bradley and D. James Greiner, Aug., 203  
 —peptic ulceration of esophagus with partial thoracic stomach (ab), A. S. Johnstone, Sept., 307  
**HERPEL, FREDERICK K.**. See ZANCA, PETER  
**HERRMANN, JULIAN B., and PACK, GEORGE T.**: Variations in sensitiveness of different skin areas to the erythema dose of roentgen radiation (ab), Dec., 618  
**HERZLICH, JACOB**. See WILSON, CARL L.  
**HEUBLEIN, GILBERT W.**. See BELL, JOSEPH C.  
**HEYDEMANN, JULIUS**. See JOHNSTON, WAYNE A.  
**HIP**  
**deformities**  
 —significance of developmental abnormalities (ab), Eric Samuel, Aug., 205  
**diseases**  
 —acute suppurative arthritis in childhood (ab), Peter E. Russo, Nov., 528  
 —pyogenic coxitis: I. End results and considerations of diagnosis and treatment (ab), Paul H. Harmon and Carroll O. Adams, Dec., 609  
 —pyogenic coxitis: II. Indications for surgical treatment in residual and chronic states and end-results of reconstruction in 53 patients (ab), Paul H. Harmon and Carroll O. Adams, Dec., 610  
 —role of aseptic bone necrosis (ab), Ernst Bergmann, Oct., 415  
**dislocations**  
 —pseudocongenital dislocation in infants (ab), Joseph H. Lapin, July, 97  
**tuberculosis**  
 —cause of discrepancy in length of limbs following tuberculosis of hip in children. Arrest of growth from premature central closure of epiphyseal cartilages about the knee (ab), Gerald G. Gill, Dec., 610  
**HISTIOCYTOSIS**. See Reticuloendothelial System, diseases; Schüller-Christian Syndrome  
**HOCKER, ALFRED F., and GUTTMAN, RUTH J.**: Three and one-half years' experience with the 1,000 kilovolt roentgen therapy unit at Memorial Hospital (ab), Aug., 211  
**HODGKIN'S DISEASE**  
 —lymphoblastoma of Hodgkin's sarcoma type, involving mainly the small intestine, appendix, spleen and abdominal pelvic lymph nodes, E. Lee Shrader, L. R. Sante, and W. A. D. Anderson, Sept., 293  
**HOPPER, MARY E.**. See LEWIS, GEORGE M.  
**HORMONES**  
 —clinical and roentgenological study of effects of hormonal therapy on bone growth, Rita S. Finkler, Nathan J. Furst, and Michael Klein, Oct., 346  
**HORWITZ, THOMAS, and DILLMAN, MELVIN A.**: Effect of roentgen rays on the joint effusions in certain nonspecific articular lesions in humans, and on the normal joints of dogs: preliminary report (ab), Oct., 423  
**HOSPITALS**  
 —military. See Military Medicine  
**HOTCHKISS, W. S.**: Practical method for localization and removal of foreign bodies (ab), Sept., 314  
**HOWARD, J. W.**: Carcinoma of the duodenum (ab), July, 93  
**HOWES, WM. E.**: Castration for advanced malignant growth: short historical review with a case report, Sept., 272  
**HOWSON, JOHN Y.**. See BEHNEY, CHARLES A.  
**HUBER, FRANK**: Cholecystography and jaundice (ab), Aug., 202  
**HUFFORD, C. E.**. See SANTE, L. R.  
**HUGGINS, CHARLES, and BEAR, RICHARD S.**: Course of prostatic ducts and the anatomy, chemical and x-ray diffraction analysis of prostatic calculi (ab), Aug., 210  
**HUGHES, BOLAND**: Intravenous urography: preliminary report (ab), July, 98  
**HUGHES, K. E. A.**. See PORRITT, ARTHUR E.  
**HUMERUS**  
 —humerooral synostosis (ab), E. Frankel, Aug., 206  
**HUNT, CLAUDE J.**: Correlation of the x-ray diagnosis with the operative findings in small-intestinal obstruction, Aug., 107  
**HUNT, HOWARD B.**. See BISGARD, J. DEWEY  
**HUNTER, SYDNEY**. See WHITE, J. WILLIAM  
**HURST, ALLAN, BASSIN, SYDNEY, and LEVINE, IDA**: Military densities associated with mitral stenosis (ab), Oct., 406  
**HYDE, ROBERT W.**. See ZACKS, DAVID  
**HYDROTHORAX**  
 —malignant cystadenoma of ovary with pleural effusion (Meigs' syndrome) (ab), Horace B. Anderson, Dec., 617  
**HYPALGESIA**  
 —neurosurgical interpretation of dermatome hypalgesia with herniation of lumbar intervertebral disk (ab), J. Jay Keegan, Dec., 608  
**HYPERTELORISM**  
 —(ab), Alfred B. Berkove, July, 88  
 I  
**ILEUM**. See Intestines  
**IMLER, ALLISON E.**. See PAPPER, E. M.  
**INDUSTRY AND OCCUPATIONS**  
 —fractures of carpal scaphoid bone in industry and military service (ab), M. G. Henry, Dec., 611  
 —industrial radiation hazards, C. B. Braestrup, Sept., 286  
 —diseases and poisoning  
 —lung changes in electric arc welders: further observations (ab), O. A. Sander, Oct., 405  
 —occupational disease of electric welders (ab), T. R. Jones and Jessie A. Lockhart, Oct., 405  
 —pulmonary tuberculosis in Wellington: radiological investigation among office and factory workers and secondary school children (ab), Marie S. Buchler, Dec., 600  
**INFANTS**  
 —See also Children  
 —pneumopericardium in a forty-two-day-old infant (ab), D. J. Lages Netto, Dec., 602  
 —pseudocongenital dislocation of the hip in infants (ab), Joseph H. Lapin, July, 97  
 —roentgen diagnosis of fetal meconium peritonitis (ab), Edward B. D. Neuhauser, Nov., 527  
 —roentgen diagnosis of hypertrophic pyloric stenosis in infants, H. W. Hefke, Sept., 267  
**INFECTIONS**. See Gangrene, gas; Parotitis; etc.  
**INFLAMMATION**  
 —role in induction of cancer by x-rays (ab), H. Burrows and J. R. Clarkson, Oct., 424  
**therapy**  
 —roentgen-ray treatment of acute inflammatory conditions (ab), George E. Pfahler, July, 104  
**INFORMATION FOR AUTHORS**  
 —announcement of booklet, Oct., 393  
**INGRAHAM, LOUISE P.**. See BISCHOFF, FRITZ  
**INSTRUMENTS**  
 —evolution of an improved transvaginal speculum, Arthur W. Erskine, Aug., 170  
**INTESTINES**  
 —See also Colon; Duodenum  
 —small intestinal disorders in avitaminosis (ab), Norman Learner, Herbert M. Stauffer, and Charles L. Brown, Dec., 605  
**abnormalities**  
 —congenital atresia of duodenum and ileum: report of two cases with successful results following operation (ab), Edwin M. Miller, Joseph Greengard, William B. Raycraft, and Irma McFadden, Aug., 202  
**diverticula**  
 —diverticulitis of colon: review of literature and analysis of 91 cases (ab), Edward L. Young and Edward L. Young, III, Sept., 308  
**motility**  
 —effect of motion on roentgenographic appearance of stomach and small bowel (ab), Francis E. McDonough and Martin Schneider, Aug., 201  
**obstruction**  
 —correlation of x-ray diagnosis with operative findings in small-intestinal obstruction, Claude J. Hunt, Aug., 107  
 —errors in diagnosis (ab), Robert N. Bartels and Karl S. Harris, Dec., 604  
**parasites**  
 —pulmonary and intestinal changes in strongyloidiasis (ab), J. Edward Berk, Marston T. Woodruff, and Alexander W. Frediani, July, 89  
**roentgenography**  
 —small intestinal (barium) enema (ab), Richard Schatzki, July, 94  
**tumors**  
 —neurofibromatosis of colon, small intestine and mesentery in a child (ab), Thomas Chalkley and James W. Bruce, July, 94  
**volvulus**  
 —volvulus of sigmoid colon: discussion of combined volvulus and hepatodiaphragmatic interposition (ab), J. G. Probst and H. R. Senturia, July, 94  
**IODINE AND IODINE COMPOUNDS**  
 —See also Pantopaque  
 —pituitary for concentrating diodrast in excretion urography, Maurice H. Wald and A. F. Galloway, Oct., 358



**IODINE AND IODINE COMPOUNDS—cont.**

- roentgenographic demonstration by diodrast of pleural walls in open empyema (ab), Joseph Gordon, Nov., 525
- iodized oil
- venous intravasation during uterosalpingography (ab), E. Roban Williams, Oct., 418
- ISARD, HAROLD J.: Right-sided aortic arch; report of a case (ab), Sept., 307

**J**

- JACOBS, A. L. See FRANK, RACHEL
- JACOBS, E. A., CULVER, G. J., and KOENIG, E. C.: Roentgenologic aspects of retroperitoneal perforations of the duodenum, Dec., 563
- JACOBSON, LEON O., and PALMER, WALTER LINCOLN: Effect of anemia on gastric emptying (ab), July, 92
- JACOX, HAROLD W. See FREEDMAN, LESTER M. J.
- JAFFE, HENRY L., and LICHTENSTEIN, LOUIS: Eosinophilic granuloma of bone: condition affecting one, several, or many bones, but apparently limited to the skeleton, and representing the mildest clinical expression of the peculiar inflammatory histiocytosis also underlying Letter-Siwe disease and Schüller-Christian disease (ab), Oct., 414
- JAMISON, S. CHAILLE, BRYAN, MARGARET S., and DAY, JANE M.: Bagassosis, a case report (ab), Aug., 200
- JANKELSON, I. R., and ROBINS, S. A.: Gallbladder functions after sub-total gastrectomy: clinical and roentgenological observations (ab), July, 95
- JASON, ROBERT S. See JOHNSON, JOHN B.
- JAUNDICE
  - cholecystography and jaundice (ab), Frank Huber, Aug., 202
- JAWS
  - tumors
  - malignant tumors of upper jaw (Skinner lecture) (ab), B. W. Windeyer, Oct., 420
- JENKINS, T. I. See ASLETT, E. A.
- JENKINSON, E. L., and BROWN, W. H.: Irradiation sickness: hypothesis concerning the basic mechanism and a study of the therapeutic effect of amphetamine and dextro-desoxyephedrine (ab), Dec., 617
- JOHNSON, JOHN B., and JASON, ROBERT S.: Sarcoidosis of the heart: report of case and review of literature (ab), Oct., 409
- JOHNSTON, HERBERT A.: Combination of nail and screw for fixation of fractures of the neck of the femur (ab), Oct., 417
- JOHNSTON, WAYNE A., and HEYDEMANN, JULIUS: Clinical and radiological studies of pulmonary mycosis, July, 1
- JOHNSTONE, A. S.: Peptic ulceration of the esophagus with partial thoracic stomach (ab), Sept., 307
- JOINTS
  - See also Hip; Knee; Shoulder; etc.
  - effect of roentgen rays on joint effusions in certain nonspecific articular lesions in humans, and on normal joints of dogs: preliminary report (ab), Thomas Horwitz and Melvin A. Dillman, Oct., 423
- JONES, D. E. A.: Dosage system for linear gamma-ray sources (ab), Nov., 530
- JONES, GEORGEANNA E. SEEGAR. See JONES, HOWARD W., Jr.
- JONES, HOWARD W., Jr., and JONES, GEORGEANNA E. SEEGAR: Panhysterectomy versus irradiation for early cancer of uterine cervix (ab), July, 101
- JONES, T. R., and LOCKHART, JESSIE A.: An occupational disease of electric welders (ab), Oct., 405
- JUNQUEIRA, MOACYR A. See VERSIANI, OSCAR
- JURISPRUDENCE
  - percentage of disability (communication), I. S. Trostler, Aug., 189

**K**

- KALAYJIAN, BERNARD S. See MAGUIRE, DANIEL L., Jr.
- KAPLAN, IRA I.: Tubercular adenopathy in young children (ab), Oct., 423
- and RUBENFELD, SIDNEY: Treatment of asthma with roentgen ray (ab), July, 105
- KAPOSI SARCOMA. See Sarcoma, Kaposi's
- KAUTZ, FRIEDRICH G., and SCHWARTZ, IRVING: Intracocular calcium shadows: choroid ossification, Nov., 486
- KEEGAN, J. JAY: Neurosurgical interpretation of dermatome hypaesthesia with herniation of the lumbar intervertebral disc (ab), Dec., 608
- KEMP, F. H.: Pheniodol: new contrast medium for cholecystography (ab), July, 95
- KENNEDY, ROGER L. J., DIXON, CLAUDE F., and WEBER, HARRY M.: Polypoid lesions of the colon of children (ab), July, 94
- KENT, EDWARD M., BLADES, BRIAN, VALLE, ANIBAL R., and GRAHAM, EVARTS A.: Intrathoracic neurogenic tumors (ab), Nov., 525
- KEPNER, R. D. See CLOWARD, R. B.
- KERLEY, PETER: Etiology of erythema nodosum (ab), Aug., 200
- See DAVIDSON, MAURICE
- KERN, RICHARD A., and GODFREY, ELLWOOD W.: Pneumohydropericardium; report of three cases (ab), Aug., 201
- KEYS, ANCEL. See HENSCHEL, AUSTIN

**KIDNEYS**

- abnormalities
  - pelvic single kidney; report of case (ab), Oswald S. Lowsley and Joseph H. Menning, Oct., 419
- cysts
  - simple and otherwise (ab), Wm. F. Braasch and John A. Hendrick, Aug., 209
- movable
  - relation of coincident anomalies of gastro-intestinal tract and renal ptosis to digestive disturbance, W. E. Reiley, July, 30
- prolapse. See Kidneys, movable
- tuberculosis. See Kidneys, tumors
- tumors
  - classification of neoplasms: clinical and pathological study based on 199 cases (ab), M. M. Melicow, Dec., 612
  - retroperitoneal tumors (especially Wilms' tumor and neuroblastoma) in children (ab), Frederick Pilcher, July, 102
  - tuberculoma (ab), Mordecai Nachman, Dec., 613
  - tuberculoma; report of case (ab), Stanley L. Wang and Albert V. Flaque, Oct., 419
- KIEFFER, JEAN. See WEIDMAN, WM. H.
- KING, LESTER S., and BUTCHER, JAMES: Osteochondroma of the base of the skull (ab), Nov., 524
- KLEIN, I.: Roentgen study of lymphogranuloma venereum: report of 24 cases (ab), Aug., 202
- KLEIN, MICHAEL. See FINKLER, RITA S.
- KLEINBERG, SAMUEL: The solitary bone cyst. Report of a case of twenty years' duration (ab), Dec., 612
- KNEE
  - cause of discrepancy in length of limbs following tuberculosis of hip in children. Arrest of growth from premature central closure of epiphyseal cartilages about the knee (ab), Gerald G. Gill, Dec., 610
- roentgenography
  - pneumoroentgenography (ab), P. P. Hauch, Oct., 417
  - use of special views (ab), John D. Camp and Mark B. Coventry, Sept., 311
- wounds and injuries
  - internal derangements of knee joint in Canadian Army (overseas) (ab), D. W. MacKenzie and J. A. MacFarlane, Sept., 311
- KNIGHT, MAYNARD D. See SINGLETON, ALBERT O.
- KOENIG, E. C. See JACOBS, E. A.
- KOILONYCHIA
  - koilonychia and polycythemia vera (ab), A. J. Glazebrook, Oct., 424
- KORNBLUM, KARL: Plea for prevention of bronchiectasis (ab), Oct., 404
- KORNBLUM, KARL (obit), July, 81
- KOSITCHEK, ROBERT J.: Monocytic leukemia associated with bone changes (ab), July, 97
- KRAFT, ERNEST: Lung abscess secondary to stenosing bronchiogenic carcinoma, July, 39
- KUNSTLER, WALTER E. See VINEBERG, ARTHUR M.
- KUPKA, EDWARD. See OECHSLI, W. R.
- KYMOGRAPHY
  - intravenous urokiymography: preliminary report (ab), Boland Hughes, July, 98
  - kymography and its application to esophageal movement (ab), John W. McLaren, Sept., 307

**L**

- LAGES NETTO, D. J.: Pneumopericardium in a forty-two day old infant (ab), Dec., 602
- LAHEY, FRANK H., and MARSHALL, SAMUEL F.: Symposium on abdominal surgery. Indications for, and experiences with, total gastrectomy, based upon 73 cases of total gastrectomy (ab), Nov., 526
- LAMINAGRAPHY. See Body Section Roentgenography
- LAPIN, JOSEPH H.: Pseudocongenital dislocation of the hip in infants (ab), July, 97
- LARKIN, J. C.: Aero-otitis media: a roentgenologic study (ab), Sept., 305
- LARYNX
  - cancer
    - classification from radiotherapeutic viewpoint (ab), M. Lederman, Sept., 315
    - radiotherapeutic test as an aid in choosing between operation and irradiation (ab), Max Cutler, Sept., 315
    - technic of radium treatment of intrinsic cancer (ab), M. Lederman and W. V. Mayneord, Sept., 315
  - treatment by roentgen irradiation: report of five year end-results (ab), John V. Blady and W. Edward Chamberlain, Nov., 529
- LASHER, E. C. See MEDLAR, E. M.
- LAVNER, GERALD, and COLEMAN, BENJAMIN: Anteroposterior lordotic projection in roentgenographic examination of the lungs, Aug., 135
- LEA, D. E.: Spatial distribution in irradiated tissue and its relation to biological effects (ab), Oct., 424
- LEACH, JOHN E.: Abnormal pulmonary physiology as a result of chronic irradiation pleuropneumonitis (ab), Aug., 212
- Some of the effects of roentgen irradiation on cardiovascular system (ab), July, 106
- LEARMONTH, J. R., BLACKWOOD, W., and RICHARDS, R. L.: Localized arterial thrombosis of indeterminate origin (ab), Sept., 313
- LEARNER, NORMAN, STAUFFER, HERBERT M., and BROWN, CHARLES L.: Small intestinal disorders in avitaminosis (ab), Dec., 605

- LEARY, DEBORAH C., and PETERS, JOHN P.:** Intravenous pyelograms in normal and abnormal pregnancies (ab), July, 98
- LEDERMAN, M.:** Adenolymphoma of the parotid salivary gland (ab), Sept., 314  
Classification of laryngeal cancer from a radiotherapeutic viewpoint (ab), Sept., 315  
—and **MAYNEORD, W. V.:** Technique of radium treatment of intrinsic cancer of the larynx (ab), Sept., 315  
—See **PAYNE, REGINALD T.**
- LEGS**  
See also Extremities  
**blood supply**  
—use of phlebography and lumbar sympathetic block in diagnosis of venospasm of lower extremities: preliminary report (ab), E. M. Papper and Allison E. Imbler, Oct., 419  
**fractures**  
—soft-tissue complications (ab), A. B. Sirbu, M. J. Murphy, and A. S. White, Oct., 417  
**LETTER FROM OVERSEAS, Dec., 593**  
**LETTERER-SIWE DISEASE.** See Reticuloendothelial System, diseases
- LEUKEMIA**  
—fluoroscopy and leukemia (ed), Sept., 297  
—leukemia in mice following exposure to x-rays, Paul S. Henshaw, Sept., 279  
—leukemia in radiologists, Herman C. March, Sept., 275  
**lymphatic**  
—acute leukemia in childhood (ab), Dorothy Falkenstein and Willis M. Fowler, July, 103  
**monocytic**  
—associated with bone changes (ab), Robert J. Kositchek, July, 97
- LEVIN, JULES D.** See **PEYTON, WM. T.**
- LEVINE, IDA.** See **HURST, ALLAN**
- LEVINE, SAMUEL, and SOLIS-COHEN, LEON:** Gaucher's disease (ab), July, 97  
Survey film diagnosis of acute surgical abdomen (ab), Aug., 203
- LEVY, SOL.** See **LURIE, LOUIS A.**
- LEWIS, E. KENNETH.** See **LUSK, FRANK B.**
- LEWIS, GEORGE M., and HOPPER, MARY E.:** Ringworm of the scalp. Successful use of roentgen rays to epilate local areas of infection (ab), Oct., 424
- LEWY, FREDERICK H.** See **OSGOOD, ELLIS C.**
- LICHTENSTEIN, BEN W.:** Cervical syringomyelia and syringomyelia-like states associated with Arnold-Chiari deformity and platybasia (ab), Dec., 599
- LICHTENSTEIN, LOUIS.** See **JAFFE, HENRY L.**
- LIGAMENTS**  
—ruptured ligaments of the ankle. A roentgen sign (ab), R. P. Ball and E. W. Egbert, July, 98
- LIONELLO, JOSEPH, FICARRA, BERNARD J., and RYAN, NICHOLAS H.:** Pancreatic calculi: report of seven cases in two of which cure was effected by pancreaticolithotomy (ab), Oct., 410
- LIPOCHONDRODYSPLASIA**  
—gargoylism: review of literature with report of two cases (ab), Louis A. Lurie and Sol Levy, Oct., 413
- LIPOMA.** See Tumors, lipoma
- LIVER**  
**hernia**  
—diaphragmatic hernia (congenital hernia of liver) (ab), J. Edmund Bradley and D. James Greiner, Aug., 203  
**tumors**  
—spontaneous cholecystoduodenal fistula in patient with primary hepatoma; case, Raphael Pomeranz, Hugh G. Grady, Matthew Peelen, and Max Magnes, Dec., 582
- LIVINGSTONE, J. L., BROCK, R. C., ROBERTS, FRANKCON, DOBBIE, J. L., and HARNETT, W. L.:** Treatment of carcinoma of the lung: symposium (ab), Dec., 615
- LOCKHART, JESSIE A.** See **JONES, T. R.**
- LOWRY, THOMAS, and RIGLER, LEO G.:** Adenoma of the bronchus: a clinical and roentgenologic study with report of seven cases, Sept., 213
- LOWSLEY, OSWALD S., and MENNING, JOSEPH H.:** Pelvic single kidney: report of case (ab), Oct., 419
- LUKE, J. C.:** Retrograde venography of the deep leg veins (ab), July, 99
- LUNGS**  
**abscess**  
—lead buttons for intrapulmonary localization (ab), Edward F. Skinner, July, 90  
—secondary to stenosing bronchiogenic carcinoma, Ernest Kraft, July, 39  
**calcification**  
—quantity of focal (tubercle) calcium in human lungs (ab), Paul E. Steiner, D. Warren Stanger, Miriam Bolyard, and A. W. Marcovich, Oct., 403  
**cancer.** See also Bronchi, cancer  
—contrast examination in primary carcinoma (ab), S. di Rienzo, July, 89  
—in a ten year old Negro boy (ab), Béla Halpert and Peter E. Russo, Nov., 525  
—lung abscess secondary to stenosing bronchiogenic carcinoma, Ernest Kraft, July, 39  
—primary carcinoma; review of 30 proven cases (ab), Lester M. J. Freedman, Harold W. Jacob, and Reuben G. Alley, Oct., 422  
—roentgen therapy for bronchiogenic cancer (ab), Bernard P. Widmann, Aug., 210  
—treatment of carcinoma; symposium (ab), J. L. Livingstone, R. C. Brock, Frankcon Roberts, J. L. Dobbie, and W. L. Harnett, Dec., 615  
**cavitation**  
—non-tuberculous cavitation (ab), Louis Nathanson and Philip Morgenstern, Aug., 198  
**collapse**  
—obstructive emphysema and atelectasis in same lung resulting from bronchiogenic carcinoma (ab), Abraham G. Cohen, July, 89  
—postoperative pulmonary collapse in childhood (ab), Clement J. Molony, Aug., 199
- CYSTS**  
—diagnosis and treatment of bronchiogenic cysts of mediastinum and lung (ab), Robert K. Brown and Laurence L. Robbins, Nov., 525
- DISEASES.** See also Tuberculosis, Pulmonary  
—annular shadows of unusual type associated with acute infection (ab), L. R. Sante and C. E. Hufford, July, 88  
—pulmonary and intestinal changes in strongyloidiasis (ab), J. Edward Berk, Marston T. Woodruff, and Alexander W. Frediani, July, 89  
—pulmonary conditions in rejectees: analysis of 2,270 selectees rejected for pulmonary conditions in the induction centres of Massachusetts (ab), David Zacks and Robert W. Hyde, Nov., 524  
—x-ray diagnosis of non-tuberculous chest (ab), Francis L. Simonds, Aug., 198
- DUST DISEASES.** See Pneumoconiosis
- FIBROSIS**  
—abnormal pulmonary physiology as result of chronic irradiation pleuropulmonitis (ab), John E. Leach, Aug., 212  
—acute diffuse interstitial fibrosis (ab), Louis Hamman and Arnold R. Rich, Oct., 405
- MYCOSIS**  
—clinical and radiological studies, Wayne A. Johnston and Julius Heydemann, July, 1
- fungus disease of chest, Vernon L. Peterson, July, 14  
—roentgenological types of lesions in primary coccidioidomycosis (ab), Justin R. Colburn, Aug., 199
- PATHOLOGY**  
—pulmonary and osseous manifestations of tuberculous sclerosis, with some remarks on their pathogenesis (ab), Alfred J. Ackermann, Oct., 413
- ROENTGENOGRAPHY.** See also Tuberculosis, Pulmonary, mass roentgenologic surveys; Tuberculosis, Pulmonary, roentgenography  
—antero-posterior lordotic projection in roentgenographic examination, Gerald Lavner and Benjamin Copleman, Aug., 135  
—comparative study of chest x-ray survey methods (ab), Arthur B. Robins, Aug., 198  
—demonstration of pulmonary lobes and interlobar fissures by roentgenograms of an artificial thorax (ab), E. M. Medlar, G. S. Pesquera, W. H. Ordway, and E. C. Lasher, Oct., 402  
—in surgical conditions of the lungs (ed), Leo G. Rigler, Dec., 591  
—miliary densities associated with mitral stenosis (ab), Allan Hurst, Sydney Bassin, and Ida Levine, Oct., 406
- tumors.** See also Lungs, cancer  
—solitary circumscribed tumors (ab), T. F. Thornton, Jr., W. E. Adams, and R. G. Bloch, Dec., 601
- LURIE, LOUIS A., and LEVY, SOL:** Gargoylism: review of literature with report of two cases (ab), Oct., 413
- LUSK, FRANK B., and LEWIS, E. KENNETH:** Atypical pneumonia of unknown etiology: clinical, roentgenological, and pathological correlation (ab), Sept., 306
- LYMPH NODES**  
—adenopathy in young children (ab), Ira I. Kaplan, Oct., 423  
—radiation therapy for obstructing hilar nodes (ab), Kal Freireich, Aug., 211
- LYMPHOBLASTOMA.** See Sarcoma, lymphosarcoma
- LYMPHOGRANULOMA VENEREUM**  
—roentgen study (of colon); report of 24 cases (ab), I. Klein, Aug., 202
- LYMPHOMA.** See Tumors, lymphoma

- McNALLY, W. J., STUART, E. A., and CHILDE, A. E.:** Mucocele of the frontal sinus; report of 5 cases in 2 of which at operation the mucocele was found to be empty (ab), July, 88.
- McSWAIN, BARTON, and BEAL, JOHN M.:** Lymphosarcoma of the gastro-intestinal tract. Report of twenty cases (ab), Sept., 317.
- MADONICK, M. J. See PASACHOFF, HARRY D.**
- MAGNES, MAX. See POMERANZ, RAPHAEL**
- MAGUIRE, DANIEL L., Jr., and KALAYJIAN, BERNARD S.:** Unusual stab wound, July, 65.
- MAINO, CHARLES R., and MUSSEY, ROBERT D.:** Carcinoma of the cervix coincident with pregnancy (ab), Oct., 422.
- MANDEVILLE, F. B. See ABBOTT, LYNN D., Jr.**
- See WINN, W. C.**
- MANSUR, EDWARD E.:** The ureter and its involvement in pelvic irradiation, Aug., 147.
- MARCE, HERMAN C.:** Leukemia in radiologists, Sept., 275.
- MARCH FRACTURE. See Femur, fractures; Fibula, fractures; Fractures, march; Metatarsus, fractures; Tibia, fractures**
- MARCOVICH, A. W. See STEINER, PAUL E.**
- MARESH, MARION M.:** Growth of major long bones in healthy children: preliminary report on successive roentgenograms of the extremities from early infancy to twelve years of age (ab), Aug., 203.
- MARFAN SYNDROME. See Arachnodactylia**
- MARSH, J. H. See HAGGART, G. E.**
- MARR, J. T., and PORTMANN, U. V.:** Incidental findings in urograms concerning the uterus (ab), Nov., 528.
- MARSHALL, SAMUEL F. See LAHEY, FRANK H.**
- MARTIN, FREDERICK C. (obit), Oct., 393**
- MASON, H. H. See McCUNE, D. J.**
- MASON, MALCOLM W.:** Photofluorography for chest surveys, Nov., 499.
- MASTOIDITIS**  
—value of axial projection of petrous bone in diagnosis of chronic mastoiditis and cholesteatoma, Gerhard Danelius, Nov., 492.
- MAYFIELD, FRANK H., and BELL, JOSEPH C.:** Pneumoencephalography in the study of the sequelae of head injuries (ab), Nov., 524.
- MAYNEORD, W. V. See LEDERMAN, M.**
- MAYO, OSCAR N., and SPENCER, JACK:** Cardiospasm, Oct., 383.
- MECONIUM**  
—roentgen diagnosis of fetal meconium peritonitis (ab), Edward B. D. Neuhauser, Nov., 527.
- MEDIASTINUM**  
**cysts**  
—diagnosis and treatment of bronchiogenic cysts of mediastinum and lung (ab), Robert K. Brown and Laurence L. Robbins, Nov., 525.
- tuberculosis**  
—roentgenological changes in esophagus in tuberculous mediastinitis (ab), Lloyd E. Hawes, Dec., 601.
- tumors**  
—ganglioneuroma (ab), Howard K. Gray, Duncan V. Shepard, and Malcolm B. Dockerty, Oct., 408.
- hemangioma; report of case (ab), W. E. Adams and R. C. Bloch, Oct., 408.
- lipoma; case report (ab), William L. Watson and Jerome A. Urban, Oct., 408.
- roentgenologic features, Laurence L. Robbins, Aug., 115.
- MEDLAR, E. M., PESQUERA, G. S., ORDWAY, W. H., and LASHER, E. C.:** Demonstration of pulmonary lobes and interlobar fissures by roentgenograms of an artificial thorax (ab), Oct., 402.
- MEGACOLON. See Colon, dilatation**
- MEIGS, SYNDROME. See Ovary, tumors**
- MELICOW, M. M.:** Classification of renal neoplasms: clinical and pathological study based on 199 cases (ab), Dec., 612.
- MENINGES**  
**tumors**  
—calcified spinal meningioma, Ellis C. Osgood, John H. Arnett, and Frederick H. Lewy, July, 62.
- meningioma of thirty years' duration: report of case (ab), R. B. Cloward and R. D. Kepner, Dec., 615.
- MENINGIOMA. See Meninges, tumors**
- MENNING, JOSEPH H. See LOWSLEY, OSWALD S.**
- MENVILLE, JOHN G., and MITCHELL, JOSEPH D., Jr.:** Diverticulum of the female urethra (ab), Dec., 614.
- MERRITT, E. A., DEN, A. J., and WILCOX, U. V.:** Effects of radiation therapy in Clostridium infection in sheep, Oct., 325.
- MERRITT, H. HOUSTON, and BRENNER, CHARLES:** Normal air encephalograms in patients with convulsive seizures and tumor of the brain (ab), Oct., 400.
- MESENTERY**  
**tumors**  
—neurofibromatosis of colon, small intestine, and mesentery in a child (ab), Thomas Chalkley and James W. Bruce, July, 94.
- METACARPUS**  
**fractures**  
—fracture-dislocation of base of fifth metacarpal bone (ab), Bryan C. Murless, Dec., 611.
- METATARSUS**  
**fractures**  
—march fractures (ab), Baxter L. Clement, Aug., 209.
- METRAZOL**  
**therapy**  
—vertebral fractures in metrazol therapy with and without the use of curare as a supplement (ab), N. L. Easton and Joseph Sommers, Oct., 417.
- MEYER, KARL A., and RAGINS, ALEX B.:** Carcinoma of the parathyroid gland (ab), Sept., 314.
- MILCH, HENRY:** Roentgenographic diagnosis of torsional deformities in tubular bones (ab), Oct., 416.
- MILITARY MEDICINE**  
See also Tuberculosis, Pulmonary, mass roentgenologic surveys
- degree of scattered radiation received by x-ray workers during routine diagnostic examinations in military hospital department (ab), J. A. C. Fleming, Oct., 424.
- design for x-ray department at an advance base hospital (ab), John W. Olds, Dec., 614.
- diagnostic roentgenology in an Army General Hospital during the present war, Joseph C. Bell and Gilbert W. Heublein, Nov., 425.
- primary atypical pneumonia, etiology unknown (ab), John H. Dingle et al, Nov., 524.
- wounds and injuries**  
—fractures of carpal scaphoid bone in industry and in military service (ab), M. G. Henry, Dec., 611.
- internal derangements of knee joint in Canadian Army (overseas) (ab), D. W. MacKenzie and J. A. MacFarlane, Sept., 311.
- subastragoloid dislocation; report of an unusual ski injury (ab), Merle J. Brown and Walter E. Brown, Jr., Oct., 417.
- MILLER, EDWIN M., GREENGARD, JOSEPH, RAYCRAFT, WILLIAM B., and McFADDEN, IRMA:** Congenital atresia of the duodenum and of the ileum: report of two cases with successful results following operation (ab), Aug., 202.
- MILLER, F. A. See BAKER, E. C.**
- MILLER, H. See ELLIS, F.**
- MILLER, JAMES:** Paget's disease of bone (with report of case) (ab), July, 95.
- MINES and MINERS. See Pneumoconiosis**
- MITCHELL, E. B., and THORNTON, T. F., Jr.:** Lower lobe bronchiectasis associated with tuberculosis (ab), Aug., 199.
- MITCHELL, J. S.:** Metabolic effects of therapeutic doses of x and gamma radiations (ab), Sept., 318.
- MITCHELL, JOSEPH D., Jr. See MENVILLE, JOHN G.**
- MITRAL VALVE**  
**stricture**  
—military densities associated with stenosis (ab), Allan Hurst, Sydney Bassin, and Ida Levine, Oct., 406.
- MOHARDT, JOHN H.:** Torsion of the spermatic cord with unsuspected testicular tumor (ab), July, 102.
- MOIR, CHASSAR:** Fallacies in soft tissue placentography (ab), Oct., 418.
- MOLONY, CLEMENT J.:** Postoperative pulmonary collapse in childhood (ab), Aug., 199.
- MONALDI METHOD. See Tuberculosis, Pulmonary, therapy**
- MONILIASIS**  
—fungus disease of chest, Vernon L. Peterson, July, 14.
- MONSTERS**  
**cephalic**  
—anencephaly with antenatal roentgen diagnosis in three cases (ab), W. C. Winn, H. H. Ware, Jr., and F. B. Mandeville, Oct., 418.
- MOORE, MATTHEW T.:** The Morgagni-Stewart-Morel syndrome. Report of a case with pneumoencephalographic findings (ab), Dec., 599.
- MORGAGNI-STEWART-MOREL SYNDROME. See Cranium, pathology**
- MORGAN, RUSSELL H.:** Quantitative study of the effect of temperature on sensitivities of x-ray screens and films, Sept., 256.
- MORGENSTERN, PHILIP. See NATHANSON, LOUIS**
- MORTON, DANIEL G.:** Carcinoma of the uterine cervix: treatment and prognosis (ab), Sept., 315.
- MORVAN'S DISEASE. See Syringomyelia**
- MOSS, LLOYD J. See BLOOM, NATHAN**
- MOVEMENTS**  
—effect of motion on roentgenographic appearance of stomach and small bowel (ab), Francis E. McDonough and Martin Schneider, Aug., 201.
- MUCOCELE. See Frontal Sinus, mucocele**
- MUNE, J.:** X-ray appearances in amoebic hepatitis (ab), Oct., 410.
- MURLESS, BRYAN C.:** Fracture-dislocation of the base of the fifth metacarpal bone (ab), Dec., 611.
- MURPHY, JOHN THOMAS (obit), Sept., 300**
- MURPHY, M. J. See SIRBU, A. B.**
- MUSSEY, J. H. See RAUSCH, L. E.**
- MUSSEY, ROBERT D. See MAINO, CHARLES R.**
- MYCOSIS. See Lungs, mycosis**
- MYELOGRAPHY. See Spinal Canal Roentgenography**
- N**
- NACHMAN, MORDECAI:** Tuberculoma of ectopic kidney (ab), Dec., 613.
- NAILS**  
—congenital absence of patellar associated with arthrodysplasia of elbows and dystrophy of nails: a hereditary syndrome (ab), Hyman R. Senturia and Ben D. Senturia, Oct., 412.

**NAILS—cont.**

—koilonychia and polycythemia vera (ab), A. J. Glazebrook, Oct., 424

**NASOPHARYNX**

—radiation therapy of lymphoid tissue, Howard H. Ashbury, Sept., 250

—roentgen treatment of lymphoid tissue, Sydney J. Hawley, Sept., 254

**cancer**

—carcinoma (ab), Charles M. Thompson and Elmer L. Grimes, Oct., 420

**NATHANSON, LOUIS, and MORGENSTERN, PHILIP:** Non-tuberculous pulmonary cavitation (ab), Aug., 198

**NAVAL MEDICINE**

—intervertebral disk problem in Navy (ab), F. Keith Bradford, Nov., 527

**NEARY, G. J.:** Physical aspects of intracavitary radium treatment of carcinoma of the cervix uteri. Part I, (ab), Sept., 316. Part II. A physical investigation of the Donaldson technique, (ab), Sept., 317

**NECROSIS****aseptic**

—role of aseptic bone necrosis in hip lesions (ab), Ernst Bergmann, Oct., 415

**NEGROES**

—carcinoma of lung in a ten year old Negro boy (ab), Béla Halpert and Peter E. Russo, Nov., 525

**NELLEN, JAMES W.** See **REINGOLD, MORRIS**

**NERVES**

—neurosurgical interpretation of dermatome hypalgesia with herniation of lumbar intervertebral disk (ab), J. Jay Keegan, Dec., 608

**NERVOUS SYSTEM****tumors**

—intrathoracic neurogenic tumors (ab), Edward M. Kent, Brian Blades, Anibal R. Valle, and Everts A. Graham, Nov., 525

**NERVOUS SYSTEM, SYMPATHETIC****blocking**

—use of phlebography and lumbar sympathetic block in diagnosis of venospasm of lower extremities: preliminary report (ab), E. M. Papper and Allison E. Imler, Oct., 419

**NEUHAUSER, EDWARD B. D.:** Roentgen diagnosis of fetal meconium peritonitis (ab), Nov., 527

**NEUROBLASTOMA.** See Tumors, neuroblastoma

**NEUROFIBROMATOSIS**

—of bone (ab), Murray M. Friedman, Dec., 606

—of colon, small intestine and mesentery in a child (ab), Thomas Chalkley and James W. Bruce, July, 94

**NEUROSURGERY**

—neurosurgery and radiation for relief of pain in advanced cancer, George W. Cooper, Jr., and Vincent W. Archer, Aug., 142

—neurosurgical interpretation of dermatome hypalgesia with herniation of lumbar intervertebral disk (ab), J. Jay Keegan, Dec., 608

**NIEHAUS, RALPH F.:** Achalasia of the esophagus (ab), Dec., 603

**NORTHUP, DAVID W.** See **VAN LIERE, EDWARD J.**

**NOSE****See also Nasopharynx**

—proper and improper administration of oily sprays (ab), Bruno L. Griesman, Oct., 400

**O****OBITUARIES**

Cooper, Robert Williams, July, 81

Doughty, William McDowell, July, 81

Dunham, H. Kennon, Aug., 192

Hartung, Adolph, Aug., 192

Kornblum, Karl, July, 81

Martin, Frederick C., Oct., 393

Murphy, John Thomas, Sept., 300

Price, Rudolph Jerome, Oct., 393

**OBLETZ, BENJAMIN E.:** Fresh fractures of the carpal scaphoid (ab), Sept., 309

**OBSTETRICS**

—pelvimetry in. See Pelvis, measurement

**OCCIPITAL BONE**

—cervical syringomyelia and syringomyelia-like states associated with Arnold-Chiari deformity and platybasia (ab), Ben W. Lichtenstein, Dec., 599

**OCCUPATIONS.** See Industry and Occupations

**OCHRONOSIS**

—complete roentgen and ophthalmologic examination for ochronosis in two alcaptonuric children (ab), Lynn D. Abbott, Jr., Frederick B. Mandeville, and Walter J. Rein, Sept., 312

**ODONTOID PROCESS.** See Atlas and Axis

**OECHSLI, W. R., and KUPKA, EDWARD:** Roentgenographic aspects of Monaldi's cavity aspiration in pulmonary tuberculosis (ab), July, 89

**OIL**

—proper and improper administration of oily nasal sprays (ab), Bruno L. Griesman, Oct., 400

**OLDS, JOHN W.:** Design for an x-ray department at an advance base hospital (ab), Dec., 614

**OPPENHEIMER, ALBERT:** Pathology, clinical manifestations and treatment of lesions of the intervertebral disks (ab), Sept., 309

**ORCHIDECTOMY.** See Castration; Testes, tumors

**ORDWAY, W. H.** See **MEDLAR, E. M.**

**OSGOOD, ELLIS C., ARNETT, JOHN H., and LEWY, FRED-ERICK H.:** Calcified spinal meningioma; case, July, 62

**OSTEITIS****deformans**

—Paget's disease, with report of case (ab), James Miller, July, 95

**OSTEOCHONDritis**

—osteocondrosis deformans tibiae; nonrachitic bow leg in children (ab), C. Glenn Barber, July, 96

**OSTEOCHONDROMA.** See Tumors, osteochondroma

**OSTEOCHONDROSARCOMA.** See Sarcoma, osteochondrosarcoma

**OSTEOCLASTOMA.** See Tumors, myeloma

**OSTEOMYELITIS.** See Cranium; Atlas and Axis

**OTITIS MEDIA**

—aero-otitis media; roentgenologic study (ab), J. C. Larkin, Sept., 305

**OVARY****irradiation**

—influence of irradiation of ovaries upon estrus and neoplastic development in Marsh-Buffalo mice, Fritz Bischoff, Henry J. Ullmann, and Louise P. Ingraham, July, 55

—regression of bone metastases from breast cancer after ovarian sterilization (ab), Max Ritvo and Oscar S. Peterson, Jr., Oct., 422

**tumors**

—malignant cystadenoma with a pleural effusion (Meigs' syndrome) (ab), Horace B. Anderson, Dec., 617

**P**

**PACK, GEORGE T.** See **HERRMANN, JULIAN B.**

**PAGET'S DISEASE**

—of bone. See Osteitis deformans

**PALMER, WALTER LINCOLN.** See **JACOBSON, LEON O.**

**PANCREAS**

—annular pancreas; tabulation of recent literature and report of a case (ab), Bert E. Stofor, Dec., 605

**aberrant**

—aberrant pancreatic tumor in duodenal wall; case, Samuel Brown, Kamilo Flachs, and Philip Wasserman, Oct., 385

**calculi**

—report of seven cases in two of which cure was effected by pancreaticolithotomy (ab), Joseph Lionello, Bernard J. Ficarra, and Nicholas H. Ryan, Oct., 410

**PANCREATICOLITHOTOMY.** See Pancreas, calculi

**PANTOPOQUE**

—iodinated organic compounds as contrast media for radiographic diagnoses. III. Experimental clinical myelography with ethyl iodophenylundecylate (pantopaque) (ab), Theodore B. Steinhagen, Clarence E. Dungan, Joseph B. Furst, John T. Flati, S. Willard Smith, A. Perry Darling, and E. Clinton Wolcott, Jr., with Stafford L. Warren and William H. Strain, Sept., 230

—iodinated organic compounds as contrast media for radiographic diagnoses. IV. Pantopaque myelography, George H. Ramsey, J. Douglas French, and William H. Strain, Sept., 236

—myelography with pantopaque and a new technic for its removal, Wendell G. Scott and Leonard T. Furlow, Sept., 241

**PAPPER, E. M., and IMLER, ALLISON E.:** Use of phlebography and lumbar sympathetic block in the diagnosis of venospasm of the lower extremities: preliminary report (ab), Oct., 419

**PARATHYROID****cancer**

—carcinoma (ab), Karl A. Meyer and Alex B. Ragins, Sept., 314

**PAROTID GLAND****tumors**

—adenolymphoma (ab), M. Lederman, Sept., 314

**PAROTITIS****postoperative**

—course under radiation therapy (ab), Franz Buschke and Simeon T. Cautil, Sept., 318

**PASACHOFF, HARRY D., MADONICK, M. J., and DRAYER, CARL:** Arachnodactyly in four siblings, with pneumocephalographic observations of two (ab), Oct., 412

**PATELLA**

—congenital absence of patellae associated with arthrodysplasia of elbows and dystrophy of nails: a hereditary syndrome (ab), Hyman R. Senturia and Ben D. Senturia (ab), Oct., 412

**PATERSON, EDITH:** Time intensity factor in x-ray irradiation. Pt. I. The influence of the overall time (ab), Nov., 530

**PAYNE, REGINALD T., TOD, MARGARET C., and LEDERMAN, M.:** Diagnosis, classification and treatment of tumours of the salivary glands. A symposium (ab), Oct., 421

**PEELEN, MATTHEW.** See **POMERANZ, RAPHAEL**

**PELLEGRINI-STIEDA DISEASE.** See Femur, Pellegrini-Stieda disease

**PELVIS****measurement**

—practical technic for roentgen pelvimetry with a new positioning (ab), A. E. Colcher and Walter Sussman, Sept., 312



- PELVIS, measurement—cont.**  
 —subpubic angle: radiological aspects (ab), E. Peter Allen, Sept., 312
- tumors**  
 —extravesical lesions causing bladder neck obstruction, S. W. Donaldson and R. K. Ratliff, Oct., 319
- PENDERGRASS, EUGENE P.:** Roentgen diagnosis of some of lesions adjacent to and involving the diaphragm (ab), Oct., 411
- PENNAL, G. F.:** Subluxation of the ankle (ab), July, 97
- PEPTIC ULCER**  
 —in descending duodenum (ab), Chauncey N. Borman, July, 93  
 —peptic ulcer and chronic gastritis (ab), Vincent P. Collins, July, 93
- surgical therapy**  
 —symposium on abdominal surgery. Acute perforation in gastroduodenal ulceration: with special reference to end-results (ab), W. L. Estes, Jr., and B. A. Bennett, Jr., Nov., 526
- PEREIRA, ATHAYDE:** Importance of roentgen examination in diagnosis of adenoma of the prostate (ab), Dec., 614
- PERICARDIUM**  
 —pneumopericardium in a forty-two-day-old infant (ab), D. J. Lages Netto, Dec., 602
- PERITONITIS**  
 —roentgen diagnosis of fetal meconium peritonitis (ab), Edward B. D. Neuhauser, Nov., 527
- PESQUERA, G. S.** See **MEDLAR, E. M.**
- PETERS, JOHN P.** See **LEARY, DEBORAH C.**
- PETERSON, OSCAR S., Jr.** See **RITVO, MAX**
- PETERSON, VERNON L.:** Fungus disease of the chest, July, 14
- PETROUS BONE.** See **Temporal Bone**
- PEYTON, WM. T., and LEVIN, JULES D.:** Posterior herniation of the intervertebral disc: analysis of 65 cases (ab), Dec., 608
- PFÄHLER, GEORGE E.:** Roentgen-ray treatment of acute inflammatory conditions (ab), July, 104
- PHALANGES.** See **Fingers and Toes**
- PHARYNX**  
 —radiation therapy of lymphoid tissue, Howard H. Ashbury, Sept., 250
- PHENODOL.** See **Gallbladder, roentgenography**
- PHLEBOGRAPHY.** See **Veins, roentgenography**
- PHOSPHORUS**  
 in blood. See **Blood, phosphorus**  
 radioactive. See **Radioactivity**
- PHOTOFUOROGRAPHY.** See **Tuberculosis, Pulmonary, mass roentgenologic surveys**
- PILCHER, COBB:** Note on the first demonstration of an intracranial foreign body by roentgen rays (ab), Aug., 198
- PILCHER, FREDERICK:** Retroperitoneal tumours in children (ab), July, 102
- PITUITARY PREPARATIONS**  
 —pituitrin for concentrating diodrast in excretion urography, Maurice H. Wald and A. F. Galloway, Oct., 358
- PLACENTA**  
 roentgenography  
 —fallacies in soft tissue placentography (ab), Chassar Moir, Oct., 418
- PLATT, JOHN T.** See **STEINHAUSEN, THEODORE B.**
- PLATYBASIA.** See **Atlas and Axis**
- PLEURA**  
 —roentgenographic demonstration by diodrast of pleural walls in open empyema (ab), Joseph Gordon, Nov., 525
- PLEURISY**  
 —abnormal pulmonary physiology as result of chronic irradiation pleuropulmonitis (ab), John E. Leach, Aug., 212  
 with effusion. See also **Hydrothorax**  
 —encapsulated effusion due to heart failure: report of two cases (ab), Abraham H. Russakoff and Tobias Weinberg, Nov., 525
- PNEUMOCONIOSIS**  
 —bagassosis: case report (ab), S. Chaille Jamison, Margaret S. Bryan, and Jane M. Day, Aug., 200  
 —pneumoconiosis: story of dusty lungs (ab), Lewis Gregory Cole, Sept., 305  
 —silicotuberculosis (ab), Oscar Auerbach and Marguerite G. Stemmerman, Oct., 403
- roentgenography**  
 —appearances in development of coal miners' pneumoconiosis (ab), E. A. Aslett, T. W. Davies, and T. I. Jenkins, Sept., 306  
 —evidence in hematite iron-ore workers (ab), Richard Fawcitt, Sept., 306  
 —occupational disease of lungs in boiler scalers (ab), Lasar Dunner, Sept., 306
- PNEUMOHYDROPERICARDIUM.** See **Pneumopericardium**
- PNEUMONIA**  
 atypical  
 —atypical pneumonia complicating severe varicella in an adult (ab), L. E. Rausch, T. J. Grable, and J. H. Musser, July, 90  
 —of unknown etiology: clinical, roentgenological, and pathological correlation (ab), Frank B. Lusk and E. Kenneth Lewis, Sept., 306  
 —primary atypical pneumonia, etiology unknown (ab), John H. Dingle et al, Nov., 524  
 —primary pneumonia: analysis of therapeutic results in 155 cases (ab), Howard L. Correll and Irving I. Cowan, Aug., 199  
 —primary pneumonia (virus pneumonia) (ab), Robert C. Schmitt, Oct., 404  
 —pseudobronchiectasis (following atypical pneumonia) (ab), Brian Blades and David J. Dugan, Oct., 404  
 —roentgenographic manifestations of atypical pneumonia of unknown etiology (ab), W. E. Cryslar, Oct., 404
- lipid**  
 —proper and improper administration of oily nasal sprays (ab), Bruno L. Griesman, Oct., 400
- virus.** See **Pneumonia, atypical**
- PNEUMOPERICARDIUM**  
 —in a forty-two-day-old infant (ab), D. J. Lages Netto, Dec., 602  
 —pneumohydropericardium: report of three cases (ab), Richard A. Kern and Ellwood W. Godfrey, Aug., 201
- PNEUMOPERITONEUM**  
 —postoperative pneumoperitoneum (ab), J. E. Bannen, Dec., 606
- PNEUMOTHORAX**  
 —idiopathic spontaneous pneumothorax (ab), S. H. Babington, Oct., 405
- POHLE, ERNST A., and SIRIS, EVELYN L.:** Roentgen rays in the treatment of carcinoma of the bronchus, with an analysis of 69 cases treated in the State of Wisconsin General Hospital from 1933 to 1943 (ab), Nov., 529
- POHLMANN, H. F., and WACHSTEIN, M.:** Epidermoid (squamous epithelial) bone cyst of the phalanx (ab), Aug., 206
- POLYCYTHEMIA**  
 —kolonychia and polycythaemia vera (ab), A. J. Glazebrook, Oct., 424
- therapy**  
 —roentgen irradiation in polycythemia vera by multiple small doses to large areas of body (ab), Laurence L. Robbins, Sept., 318
- POMERANTZ, RAPHAEL, GRADY, HUGH G., PEELIN, MATTHEW, and MAGNES, MAX.:** Spontaneous cholecystoduodenal fistula in a patient with a primary hepatoma of liver: case, Dec., 582
- POMMERENKE, W. T., and HAHN, P. F.:** Absorption of radioactive sodium instilled into the vagina (ab), Aug., 212
- PORENCHEPHALY.** See **Brain, cysts**
- PORRITT, ARTHUR E., HUGHES, K. E. A., and CAMPBELL, R. J. C.:** Sarcoma of the stomach (ab), Dec., 604
- PORTMANN, U. V.** See **MARR, J. T.**
- PREGNANCY**  
 —intravenous pyelograms in normal and abnormal pregnancies (ab), Deborah C. Leary and John P. Peters, July, 98  
**cancer and pregnancy.** See **Pregnancy, tumors complicating tuberculosis and pregnancy**  
 —chest screening in an ante-natal clinic (ab), Rachel Frank and A. L. Jacobs, Oct., 402  
**tumors complicating**  
 —carcinoma of cervix (ab), Charles R. Maino and Robert D. Mussey, Oct., 422
- PRICE, RUDOLPH JEROME (obit),** Oct., 393
- PRIODAX.** See **Gallbladder, roentgenography**
- PROBSTEIN, J. G., and SENTURIA, H. R.:** Volvulus of the sigmoid colon: discussion of combined volvulus and hepatodiaphragmatic interposition (ab), July, 94
- PROCTOR, SAMUEL E., CAMPBELL, THOMAS A., and DOBELLE, MARTIN:** March fractures of the tibia and femur (ab), Dec., 611
- PROSTATE**  
 anatomy and histology  
 —course of prostatic ducts and the anatomy, chemical and x-ray diffraction analysis of calculi (ab), Charles Huggins and Richard S. Bear, Aug., 210  
 calculi  
 —course of prostatic ducts and the anatomy, chemical and x-ray diffraction analysis of calculi (ab), Charles Huggins and Richard S. Bear, Aug., 210  
 cancer  
 —treatment of carcinoma (ab), E. W. Riches, I. G. Williams, and A. Haddow, July, 101  
 diseases  
 —cystourethrographic diagnosis (ab), William E. Forsythe, Jr., July, 99  
 tumors  
 —importance of roentgen examination in diagnosis of adenoma (ab), Athayde Pereira, Dec., 614
- PSEUDARTHROSIS**  
 —two congenital deformities of tibia: congenital angulation and congenital pseudarthrosis (ab), E. Rohan Williams, Sept., 311
- PUENTE DUANY, N., CAÑIZARES, RAFAEL, and FONTS ABREU, ERNESTO:** Carcinoma of the breast: treatment and late results (ab), July, 100
- PULSE**  
 —atypical coarctation of aorta, with absence of left radial pulse (ab), A. Grishman, M. L. Sussman, and M. F. Steinberg, Oct., 409
- PYELOGRAPHY**  
 —intravenous pyelograms in normal and abnormal pregnancies (ab), Deborah C. Leary and John P. Peters, July, 98  
 —pituitrin for concentrating diodrast in excretion urography, Maurice H. Wald and A. F. Galloway, Oct., 358  
 —present status of intravenous and retrograde pyelography (ab), Walter E. Hatch, Dec., 612  
 —urokymography: preliminary report (ab), Boland Hughes, July, 98

**PYLORUS**

- cancer. See Stomach, cancer
- hypertrophy and stenosis
  - in adults (ab), J. Edward Berk and Harold J. Dunlap, Aug., 201
  - in adults (ab), Howard Wakefield, Dec., 604
  - roentgen diagnosis of hypertrophic stenosis in infants, H. W. Hefke, Sept., 267

**Q**

- QUIMBY, EDITH H.:** Dosage table for linear radium sources, Dec., 572

**R**

- RAAB, W., and SOULE, A. B., Jr.:** Rationale and result of roentgen treatment of the adrenal glands in angina pectoris (ab), Oct., 423
- RADAR.** See Radio
- RADEMAKER, LEE:** Primary sarcoma of ureter; case report and review of literature (ab), July, 98
- RADIATIONS**
  - effects
    - spatial distribution in irradiated tissue and its relation to biological effects (ab), D. E. Lea, Oct., 424
    - injuries. See also Radium, injurious effects; Roentgen Rays, injurious effects
    - late bladder injuries following treatment of carcinoma of cervix (ab), David M. Farrell and George A. Hahn, Dec., 617
- RADIO**
  - clinical study of results of exposure of laboratory personnel to radar and high frequency radio (ab), L. Eugene Daily, Aug., 212
- RADIOACTIVITY**
  - absorption of radioactive sodium instilled into vagina (ab), W. T. Pommerenke and P. F. Hahn, Aug., 212
  - retention of radioactive phosphorus when administered in different chemical forms (ab), Shields Warren and Russell F. Cowing, Nov., 530
- RADIOLOGICAL SOCIETIES**
  - American Roentgen Ray Society, Dec., 593
  - Florida Radiological Society, July, 79
  - Minnesota Radiological Society, July, 79
  - New England Roentgen Ray Society, Sept., 299
  - North Carolina Radiological Society, July, 79
  - officers and meeting dates, July, 84; Aug., 194; Sept., 302; Oct., 396; Nov., 521; Dec., 595
  - Ohio Radiological Society, Oct., 393
  - Pittsburgh Roentgen Society, Oct., 393
  - Radiological Society of New Jersey, July, 79
  - Section on Radiology, American Medical Association, Sept., 299
- RADIOLOGICAL SOCIETY OF NORTH AMERICA**
  - officers, Dec., 593
  - joint meeting with American Roentgen Ray Society (Thirtieth Annual Meeting)
    - (ed), Nov., 594
    - program, Aug., 184
    - the commercial exhibits (ed), Nov., 512
    - the refresher courses (outline), July, 70
    - the refresher courses (ed), Nov., 516
    - the scientific exhibits (ed), Nov., 507
- RADIOLOGY**
  - leukemia in radiologists, Herman C. March, Sept., 275
- RADIO THERAPY**
  - See also Radium, therapy; Roentgen Therapy
  - radiation therapist in contemporary medicine (ed), Isadore Lampe, Aug., 181
- RADIUM**
  - See also Radon
  - injurious effects
    - fractures of rib cage following interstitial radium therapy for cancer of breast (ab), Hoke Wammock and Robert K. Arbuckle, July, 106
    - industrial radiation hazards, C. B. Braestrup, Sept., 286
  - therapy. See also Breast, cancer; Larynx, cancer; etc.
  - dosage system for linear gamma-ray sources (ab), D. E. A. Jones, Nov., 530
  - dosage table for linear radium sources, Edith H. Quimby, Dec., 572
  - metabolic effects of therapeutic doses of x and gamma radiations (ab), J. S. Mitchell, Sept., 318
- RADIUS**
  - abnormalities
    - humero-radial synostosis (ab), E. Frankel, Aug., 206
- RADON**
  - development of centralized radon services in Australia, C. E. Eddy, Aug., 155
- RAFF, A.:** Diagnosis and treatment of spondylitis (ab), Dec., 607
- RAGINS, ALEX B.** See MEYER, KARL A.
- RAMSEY, GEORGE H., FRENCH, J. DOUGLAS, and STRAIN, WILLIAM H.:** Iodinated organic compounds as contrast media for radiographic diagnoses. IV. Pantopaque myelography, Sept., 236
- RATLIFF, R. K.** See DONALDSON, S. W.
- RAUSCH, L. E., GRABLE, T. J., and MUSSER, J. H.:** Atypical pneumonia complicating severe varicella in an adult (ab), July, 90
- RAYCRAFT, WILLIAM B.** See MILLER, EDWIN M.

**RECRUITS**

- induction film as an aid in appraising subsequent pulmonary lesions, Algernon N. Alpern and Julien E. Benjamin, Dec., 548
- miniature camera (for mass radiography) (ab), F. Birkinshaw, July, 89
- pulmonary conditions in rejectees: analysis of 2,270 selectees rejected for pulmonary conditions in induction centres of Massachusetts (ab), David Zacks and Robert W. Hyde, Nov., 524
- statistical analysis of 100,000 examinations of the chest by the photoroentgen method, Peter Zanca and Frederick K. Herpel, Aug., 122. See correction, Nov., 518

**REFLEX****tendon**

- unusual osseous disease with neurologic changes: report of two cases (ab), Conrad M. Riley and Harry Shwachman, Aug., 204

- REILEY, W. E.:** Relation of coincident anomalies of the gastrointestinal tract and renal ptosis to digestive disturbance, July, 30

- REIN, WALTER J.** See ABBOTT, LYNN D., Jr.

- REINGOLD, MORRIS, and NELLEN, JAMES W.:** Pellegrini-Stieda disease (ab), Aug., 205

- REISNER, DAVID:** Boeck's sarcoid and systemic sarcoidosis (Besnier-Boeck-Schaumann disease): study of 35 cases (ab), Dec., 600

- RENSHAW, R. J. F.:** Correlation of roentgenologic and gastroscopic examinations from the standpoint of the gastroenterologist (ab), Dec., 602

**RETICULOENDOTHELIAL SYSTEM****diseases**

- eosinophilic granuloma of bone: condition affecting one, several or many bones, but apparently limited to the skeleton, and representing the mildest clinical expression of the peculiar inflammatory histiocytosis also underlying Letterer-Siwe disease and Schüller-Christian disease (ab), Henry L. Jaffe and Louis Lichtenstein, Oct., 414

**RETROPERITONEUM.** See Abdomen

- RHODES, PAUL H., and DURBIN, EDGAR:** Coarctation of the aorta in childhood: review of literature and report of three cases (ab), July, 91

**RIBS****fractures**

- fractures of rib cage following interstitial radium therapy for cancer of breast (ab), Hoke Wammock and Robert K. Arbuckle, July, 106
- spontaneous rib fractures following irradiation for cancer of breast (ab), Asa B. Friedmann, July, 106

- RICH, ARNOLD R.** See HAMMAN, LOUIS

- RICHARDS, R. L.** See LEARMONTH, J. R.

- RICHES, E. W., WILLIAMS, I. G., and HADDOW, A.:** Treatment of carcinoma of the prostate (ab), July, 101

**RICKETS**

- late rickets (ab), Elizabeth Brakeley, July, 95

**renal.** See Dwarfism

- di RIENZO, S.:** Contrast examination in primary carcinoma of the lung (ab), July, 89

- RIGLER, LEO G.** See LOWRY, THOMAS

- RILEY, CONRAD M., and SHWACHMAN, HARRY:** Unusual osseous disease with neurologic changes: report of two cases (ab), Aug., 204

**RINGWORM**

- ringworm of scalp: successful use of roentgen rays to epilate local areas of infection (ab), George M. Lewis and Mary E. Hopper, Oct., 424

- RITVO, MAX, and PETERSON, OSCAR S., Jr.:** Regression of bone metastases from breast cancer after ovarian sterilization (ab), Oct., 422

- ROBBINS, LAURENCE L.:** Roentgen irradiation in polycythemia vera by multiple small doses to large areas of the body (ab), Sept., 318

- Roentgenologic features of mediastinal tumors, Aug., 115

- See BROWN, ROBERT K.

- ROBERTS, FFRANGCON.** See LIVINGSTONE, J. L.

- ROBINS, ARTHUR B.:** Comparative study of chest x-ray survey methods (ab), Aug., 198

- ROBINS, S. A.** See JANKELSON, I. R.

**ROENTGEN RAYS**

- anesthetics used in connection with roentgenology (ed), John S. Lundy, Oct., 391

**apparatus**

- calibration of x-ray equipment for superficial therapy (ab), C. E. Eddy, Dec., 617
- design for x-ray department at an advance base hospital (ab), John W. Olds, Dec., 614
- magazine cassette x-ray unit (ab), H. R. Edwards and Aaron Siegel, Dec., 614
- mobile x-ray units for invasion, Aug., 188
- quantitative study of effect of temperature on sensitivities of x-ray screens and films, Russell H. Morgan, Sept., 256
- roentgen therapy of sinusitis, with special adapter, F. C. Christensen, July, 21
- use of wedge filters in deep x-ray therapy (ab), F. Ellis and H. Miller, Nov., 529

**diagnosis**

- diagnostic roentgenology in an Army General Hospital during the present war, Joseph C. Bell and Gilbert W. Heublein, Nov., 425

**ROENTGEN RAYS—cont.**

- effects**  
—comparative studies on radiosensitivity of normal and malignant cells in culture. II. Delayed lethal effect. (ab), L. Doljanski, G. Goldhaber, and L. Halberstaedter, Nov., 530  
—comparative studies on radiosensitivity of normal and malignant cells in culture. III. Further studies on inhibitory effect of x-rays on cell outgrowth (ab), G. Goldhaber, L. Doljanski, and L. Halberstaedter, Nov., 530  
—effect of x-ray irradiation upon bacterial toxemia in rabbits, J. Dewey Bisgard, Howard B. Hunt, and R. Hugh Dickinson, Oct., 330  
—influence of irradiation-killed cells on tumor growth (ab), Paul S. Henshaw, Aug., 212  
—of irradiation on cardiovascular system (ab), John E. Leach, July, 106  
—on joint effusions in certain nonspecific articular lesions in humans, and on normal joints of dogs; preliminary report (ab), Thomas Horwitz and Melvin A. Dillman, Oct., 423  
—time intensity factor in x-ray irradiation (of fibroblasts). Influence of overall time (ab), Edith Paterson, Nov., 530
- films**  
—quantitative study of effect of temperature on sensitivities of x-ray screens and films, Russell H. Morgan, Sept., 256
- fluoroscopy.** See also Foreign Bodies  
—fluoroscopy and leukemia (ed), Sept., 297
- injuries effects**  
—abnormal pulmonary physiology as result of chronic irradiation pleuropulmonitis (ab), John E. Leach, Aug., 212  
—fluoroscopy and leukemia (ed), Sept., 297  
—industrial radiation hazards, C. B. Braestrup, Sept., 286  
—investigations into degree of scattered radiation received by x-ray workers during routine diagnostic examinations in a military hospital department (ab), J. A. C. Fleming, Oct., 424  
—irradiation sickness; hypothesis concerning the basic mechanism and a study of the therapeutic effect of amphetamine and dextro-desoxyephedrine (ab), E. L. Jenkinson and W. H. Brown, Dec., 617  
—leukemia in mice following exposure to x-rays, Paul S. Henshaw, Sept., 279  
—leukemia in radiologists, Herman C. March, Sept., 275  
—spontaneous rib fractures following irradiation for cancer of breast (ab), Asa B. Friedmann, July, 106
- stereoscopy**  
—instantaneous stereography (ab), G. L. Rogers, Dec., 615
- ROENTGEN THERAPY**  
See also Cancer, radiotherapy; Larynx, cancer; Lungs, cancer; Sinuses, Paranasal, diseases; etc.  
—calibration of x-ray equipment for superficial therapy (ab), C. E. Eddy, Dec., 617  
—variations in sensitiveness of different skin areas to erythema dose of roentgen radiation (ab), Julian B. Herrmann and George T. Pack, Dec., 618
- dosage**  
—data concerning use of x-ray beams in direct (cross firing) opposition (ab), C. W. Wilson, July, 106  
—metabolic effects of therapeutic doses of x and gamma radiations (ab), J. S. Mitchell, Sept., 318
- high voltage.** See also Cancer, radiotherapy  
—use of wedge filters in deep therapy (ab), F. Ellis and H. Miller, Nov., 529
- ROGERS, G. L.:** Instantaneous stereography (ab), Dec., 615  
**ROSS, A. S.:** See WEBSTER, D. R.  
**ROSSER, CURTICE:** Symposium on abdominal surgery. Simple penetrating ulcer of the cecum (ab), Nov., 527  
**ROYER, M., and SOLARI, A. V.:** Radiological anatomy of the normal terminal choledochus (ab), Oct., 410  
**RUBENFELD, SIDNEY.** See KAPLAN, I. I.  
**RULE, COLTER, and GROLLMAN, ARTHUR:** Osteo-nephropathy: a clinical consideration of "renal rickets" (ab), Sept., 312  
**RUSSAKOFF, ABRAHAM H., and WEINBERG, TOBIAS:** Encapsulated pleural effusion due to heart failure: report of two cases (ab), Nov., 526  
**RUSO, PETER E.:** Acute suppurative arthritis of the hip in childhood (ab), Nov., 528  
—See HALPERT, BELA  
**RYAN, NICHOLAS H.** See LIONELLO, JOSEPH  
**RYPINS, EDWIN.** See DITKOWSKY, SOL P.

## S

**SALIVARY GLANDS**

- See also Parotid Gland tumors  
—diagnosis, classification and treatment (ab), Reginald T. Payne, Margaret C. Tod, and M. Lederman, Oct., 421  
**SAMUEL, ERIC:** Significance of some developmental abnormalities of the hip joints (ab), Aug., 205  
**SANDER, O. A.:** Further observations on lung changes in electric arc welders (ab), Oct., 405  
**SANTE, L. R., and HUFFORD, C. E.:** Annular shadows of unusual type associated with acute pulmonary infection (ab), July, 88  
—See SHRAEDER, E. LEE  
**SARCOIDOSIS**  
—Boeck's sarcoid and systemic sarcoidosis (Besnier-Boeck-Schaumann disease): study of 35 cases (ab), David Reissner, Dec., 600

- of heart: report of case and review of literature (ab), John B. Johnson and Robert S. Jason, Oct., 409

**SARCOMA**

- See also Cancer; Tumors; and under organs and regions, as Ureters, tumors  
—lymphoblastoma of Hodgkin's sarcoma type, involving mainly the small intestine, appendix, spleen, and abdominal pelvic lymph nodes. Clinico-pathological conference, E. Lee Shrader, L. R. Sante, and W. A. D. Anderson, Sept., 293

**Kaposis**

- direct current combined with x-ray therapy: case of Kaposis sarcoma thus treated, Harry Sigel, Oct., 386

**lymphosarcoma**

- of gastro-intestinal tract: report of 20 cases (ab), Barton McSwain and John M. Beal, Sept., 317

**osteochondrosarcoma**

- clinico-pathological conference, G. E. Haggart, Hugh F. Hare, and J. H. Marks, Oct., 378

**radiotherapy**

- influence of irradiation-killed cells on tumor growth (ab), Paul S. Henshaw, Aug., 212

**SARNAT, BERNARD G.** See **BRODIE, ALLAN G.**

**SCALP**

- ringworm: successful use of roentgen rays to epilate local areas of infection (ab), George M. Lewis and Mary E. Hopper, Oct., 424

**SCAPHOID BONE, CARPAL****fracture**

- fresh fractures (ab), Benjamin E. Oblatz, Sept., 309  
—in industry and in military service (ab), M. G. Henry, Dec., 611

**SCHATZKI, RICHARD:** Small intestinal enema (ab), July, 94

—See **HALE, CLAYTON H.**

**SCHPEFF, LEWIS C., THUDIUM, WM. J., and FARELL, DAVID, M.:** Further experience in the management and treatment of carcinoma of fundus of the uterus, with five-year end results in 75 patients (ab), July, 101

**SCHMIDT, ERNST A.** See **WARING, JAMES J.**

**SCHMIDT, HERBERT W.:** Benign nontuberculous bronchial stenosis (ab), Sept., 306

**SCHMITZ, ROBERT C.:** Primary atypical pneumonia (virus pneumonia) (ab), Oct., 404

**SCHNEIDER, MARTIN.** See **MCDONOUGH, FRANCIS E.**

**SCHORSTEIN, J.:** Compound fronto-orbital fractures (eight cases) (ab), Aug., 207

**SCHÜLLER-CHRISTIAN SYNDROME**

- eosinophilic granuloma of bone: condition affecting one, several or many bones, but apparently limited to the skeleton, and representing the mildest clinical expression of the peculiar inflammatory histiocytosis also underlying Letterer-Siwe disease and Schüller-Christian disease (ab), Henry L. Jaffe and Louis Lichtenstein, Oct., 414  
—Hand-Schüller-Christian syndrome and "eosinophilic or solitary granuloma of bone" (ab), Oscar Versiani, José Maria Figueiró, and Moacyr A. Junqueira, Oct., 413

**SCHWARTZ, IRVING.** See **KAUTZ, FRIEDRICH G.**

**SCHWARTZ, LEO:** Adenoma of trachea and bronchus (ab), Oct., 407

**SCLERODERMA**

- roentgenological appearance of gastrointestinal tract in scleroderma (ab), Clayton H. Hale and Richard Schatzki, Nov., 525

**SCLEROSIS****tuberos**

- pulmonary and osseous manifestations, with some remarks on their pathogenesis (ab), Alfred J. Ackermann, Oct., 413

**SCOTT, WENDELL G., and BOTTOM, DONALD S.:** Laminographic studies of the aorta: their advantages and limitations (ab), Aug., 200

—and **FULLOW, LEONARD T.:** Myelography with pantopaque and a new technic for its removal, Sept., 241

**SCOVILLE, WM. B.** See **SPURLING, R. G.**

**SEMILUNAR CARTILAGES**

- observations on regeneration of cartilages in man (ab), I. S. Smillie, Dec., 609

**SENTURIA, BEN D.** See **SENTURIA, HYMAN R.**

**SENTURIA, HYMAN R., and SENTURIA, BEN D.:** Congenital absence of the patellae associated with arthrodysplasia of the elbows and dystrophy of the nails: a hereditary syndrome (ab), Oct., 412

—See **PROBSTEN, J. G.**

**SHEPARD, DUNCAN V.** See **GRAY, HOWARD K.**

**SHIRLEY, AMOS R.:** An unusual gastrocolic communication; case, Dec., 588

**SHOULDER**

- lateral rupture of intervertebral disks: common cause of shoulder and arm pain (ab), R. G. Spurling and Wm. B. Scoville, Dec., 607

**arthritis**

- peri arthritis (ab), Arthur Steindler, Dec., 611

**disease**

- acute calcified subacromial or subdeltoid bursitis (ab), Frank R. Guido, Oct., 418

**hematoma**

- subscapular ossified hematoma: case report (ab), J. William White and Sydney Hunter, Sept., 310

**SHRAEDER, E. LEE, SANTE, L. R., and ANDERSON, W. A. D.:** Clinico-pathological conference, Sept., 293

**SHWACHMAN, HARRY.** See **RILEY, CONRAD M.**

**SIEGAL, AARON.** See **EDWARDS, H. R.**

- SIGEL, HARRY:** Direct current combined with x-ray therapy: case of Kaposi sarcoma thus treated, Oct., 386
- SIGMOID**  
—volvulus of sigmoid colon: discussion of combined volvulus and hepatodiaphragmatic interposition (ab), J. G. Probst and H. R. Senturia, July, 94
- SILVERMAN, DANIEL N., and FRIEDMAN, LOUIS L.:** Gastric fibrosis involving the duodenum (ab), Oct., 409
- SIMONDS, FRANCIS L.:** X-ray diagnosis of the non-tuberculous chest (ab), Aug., 198
- SINGLETON, ALBERT O., and KNIGHT, MAYNARD D.:** Congenital atresia of the esophagus, with tracheo-esophageal fistula: transpleural operative approach (ab), Dec., 603
- SINUSES, PARANASAL**  
—evaluation of roentgen therapy (ab), C. L. Crang, July, 105  
—roentgen therapy of sinusitis, with special adapter, F. C. Christensen, July, 21
- SIRBU, A. B., MURPHY, M. J., and WHITE, A. S.:** Soft tissue complications of fractures of the leg (ab), Oct., 417
- SIRIS, EVELYN L.:** See POHLE, ERNST A.
- SKING.** See Military Medicine, wounds and injuries
- SKIN**  
—variations in sensitivity of different skin areas to erythema dose of roentgen radiation (ab), Julian B. Herrmann and George T. Pack, Dec., 618  
—cancer  
—Brocq-Belot's technic in treatment of superficial cancers (ab), Paul Brodeur, July, 99
- KINNER, EDWARD F.:** Lead buttons for intrapulmonary localization (ab), July, 90
- SMILLIE, I. S.:** Observations on the regeneration of the semilunar cartilages in man (ab), Dec., 609
- SMITH, S. WILLARD.** See STEINHAUSEN, THEODORE B.
- SMITH, STEPHEN J.** See GOLDMANN, CARL H.
- SMITHERS, D. WALDRON:** X-ray treatment of carcinoma of the esophagus (ab), Sept., 315
- SNOKE, P. O.:** Solitary calcified cyst of spleen (ab), July, 95
- SODIUM**  
—radioactive. See Radioactivity
- SOFT TISSUE**  
—soft tissue complications of fractures of leg (ab), A. B. Sirbu, M. J. Murphy, and A. S. White, Oct., 417
- SOLARI, A. V.** See ROYER, M.
- SOLIS-COHEN, LEON.** See LEVINE, SAMUEL
- SOMMERS, JOSEPH.** See EASTON, N. L.
- SOULE, A. B., Jr.** See RAAB, W.
- SPENCER, JACK.** See MAYO, OSCAR N.
- SPERMATIC CORD**  
—torsion  
—with unsuspected testicular tumor (ab), John H. Mohardt, July, 102
- SPHENOID BONE**  
—tumors  
—osteochondroma of base of skull (ab), Lester S. King and James Butcher, Nov., 524
- SPINAL CANAL ROENTGENOGRAPHY**  
—iodinated organic compounds as contrast media for radiographic diagnoses. III. Experimental and clinical myelography with ethyl iodophenylundecylate (pantopaque), Theodore B. Steinhausen, Clarence E. Dungan, Joseph B. Furst, John T. Plati, S. Willard Smith, A. Perry Darling, and E. Clinton Wolcott, Jr., with Stafford L. Warren and William H. Strain, Sept., 230  
—iodinated organic compounds as contrast media for radiographic diagnoses. IV. Pantopaque myelography, George H. Ramsey, J. Douglas French, and William H. Strain, Sept., 236  
—myelography with pantopaque and a new technic for its removal, Wendell G. Scott and Leonard T. Furlow, Sept., 241
- SPINAL CORD**  
—compression. See Spine, fractures  
—tumors. See Meninges, tumors
- SPIKE**  
—arthritides  
—diagnosis and treatment of spondylitis (ab), A. Raff, Dec., 607  
—dislocations  
—fractures and dislocations of cervical spine (ab), F. Crooks and A. N. Birkett, Aug., 207  
—symposium on low back pain: spondylolisthesis: analysis of 59 consecutive cases (ab), Guy A. Caldwell, Dec., 606
- fractures**  
—compression fractures of vertebral bodies and other changes mistaken for them (ab), John D. Ellis, Aug., 208  
—fractures and dislocations of cervical spine (ab), F. Crooks and A. N. Birkett, Aug., 207  
—vertebral fractures in metrazol therapy with and without the use of curare as a supplement (ab), N. L. Easton and Joseph Sommers, Oct., 417
- intervertebral disks**  
—intervertebral disk problem in Navy (ab), F. Keith Bradford, Nov., 527  
—lateral rupture: common cause of shoulder and arm pain (ab), R. G. Spurling and Wm. B. Scoville, Dec., 607  
—neurosurgical interpretation of dermatome hypalgesia with herniation of the lumbar disk (ab), J. Jay Keegan, Dec., 608  
—pathology, clinical manifestations, and treatment of lesions (ab), Albert Oppenheimer, Sept., 309  
—posterior herniation: analysis of 65 cases (ab), Wm. T. Peyton and Jules D. Levin, Dec., 608
- pathology**  
—compression fractures of vertebral bodies and other changes mistaken for them (ab), John D. Ellis, Aug., 208
- SPLEEN**  
—calcification  
—(ab), Edwin F. Gray, Oct., 411  
—cysts  
—solitary calcified cyst (ab), P. O. Snoko, July, 95
- SPONDYLITIS.** See Spine
- SPONDYLOLISTHESIS.** See Spine, dislocations
- SPURLING, R. G., and SCOVILLE, WM. B.:** Lateral rupture of the intervertebral discs: common cause of shoulder and arm pain (ab), Dec., 607
- STABINS, SAMUEL J.:** Primary thrombosis of the axillary vein due to strain (ab), Aug., 210
- STANGER, D. WARREN.** See STEINER, PAUL E.
- STAUFFER, HERBERT M.** See LEARNER, NORMAN
- STEATORRHEA.** See Celiac Disease
- STEINBERG, M. F., GRISHMAN, A., and SUSSMAN, M. L.:** Nonsyphilitic aneurysm of the aorta in individuals under 45 years of age (ab), July, 91  
—See GRISHMAN, A.
- STEINHAUSEN, THEODORE B.** See LEARNER, NORMAN
- STEINHAUSEN, THEODORE B., DUNGAN, CLARENCE E., FURST, JOSEPH B., PLATI, JOHN T., SMITH, S. WILLARD, DARLING, A. PERRY, and WOLCOTT, E. CLINTON, Jr., with WARREN, STAFFORD L., and STRAIN, WILLIAM H.:** Iodinated organic compounds as contrast media for radiographic diagnoses. III. Experimental and clinical myelography with ethyl iodophenylundecylate (pantopaque), Sept., 230
- STEMMERMAN, MARGUERITE G.** See AUERBACH, OSCAR
- STEVENSON, C. A.:** Emphysematous cholecystitis (ab), Aug., 202
- STOFER, BERT E.:** Annular pancreas. A tabulation of the recent literature and report of a case (ab), Dec., 605
- STOMACH**  
—correlation of roentgenologic and gastroscopic examinations from the standpoint of the gastroenterologist (ab), R. J. F. Renshaw, Dec., 602  
—cancer  
—life cycle of carcinoma: report of three interesting cases of carcinoma of the pylorus (ab), Maurice Feldman, Aug., 201  
—malignant tumors (ab), Felix de Amesti, Sept., 307  
—symposium on abdominal surgery. Indications for, and experiences with, total gastrectomy, based upon 73 cases of total gastrectomy (ab), Frank H. Lahey and Samuel F. Marshall, Nov., 526
- cardiospasm**  
—case, Oscar N. Mayo and Jack Spencer, Oct., 383
- fibrosis**  
—gastric fibrosis involving duodenum (ab), Daniel N. Silverman and Louis L. Friedman, Oct., 409
- fistula.** See Fistula
- hernia**  
—peptic ulceration of esophagus with partial thoracic stomach (ab), A. S. Johnstone, Sept., 307
- inflammation**  
—peptic ulcer and chronic gastritis (ab), Vincent P. Collins, July, 93
- motility**  
—effect of anemia on gastric emptying (ab), Leon O. Jacobson and Walter L. Palmer, July, 92  
—effect of motion on roentgenographic appearance of stomach and small bowel (ab), Francis E. McDonough and Martin Schneider, Aug., 201  
—effect of water taken with meals on gastric emptying (ab), Edward J. Van Liere and David W. Northup, Oct., 409  
—gastric emptying time of man at high and normal environmental temperatures (ab), Austin Henschel, Henry L. Taylor, and Ancel Keys, Dec., 603
- surgery**  
—gallbladder functions after subtotal gastrectomy: clinical and roentgenological observations (ab), I. R. Jankelson and S. A. Robins, July, 95
- tumors.** See also Stomach, cancer  
—roentgen visualization of tumors of cardia (ab), Milton G. Wasch and Bernard S. Epstein, Dec., 604  
—sarcoma (ab), Arthur E. Porritt, K. E. A. Hughes, and R. J. C. Campbell, Dec., 604
- ulcer.** See Peptic Ulcer
- STRAIN, WILLIAM H.** See RAMSEY, GEORGE H.
- STEINHAUSEN, THEODORE B.** See STEINHAUSEN, THEODORE B.
- STRONGYLOIDOSIS**  
—pulmonary and intestinal changes in strongyloidiasis (ab), J. Edward Berk, Marston T. Woodruff, and Alexander W. Frediani, July, 89
- STUART, E. A.** See McNALLY, W. J.
- SUBASTRAGALAR JOINT.** See Foot, dislocations
- SURGERY**  
—pneumoperitoneum (ab), J. E. Bannen, Dec., 606  
—postoperative complications. See also Parotitis, postoperative



**SURGERY—cont.**

—pulmonary collapse in childhood (ab), Clement J. Molony, Aug., 199

**SUSSMAN, MARCY L., GRISHMAN, ARTHUR, and STEINBERG, MORRIS F.:** Newer concepts in diagnosis of congenital heart disease (ab), July, 91

—See **GRISHMAN, A.**

—See **STEINBERG, M. F.**

**SUSSMAN, WALTER.** See **COLCHER, A. E.**

**SWEAT GLANDS****absence**

—ectodermal dysplasia (anhidrotic type) with complete anodontia; serial roentgenographic cephalometric appraisal (ab), Allan G. Brodie and Bernard G. Sarnat, July, 88

**SYNOSTOSIS**

—humeral radial (ab), E. Frankel, Aug., 206

**SYNOVIAL MEMBRANE**

—effect of roentgen rays on joint effusions in certain nonspecific articular lesions in humans, and on normal joints of dogs: preliminary report (ab), Thomas Horwitz and Melvin A. Dillman, Oct., 423

**SYRINGOMYELIA**

—case of Morvan's type (ab), Nathan Bloom and Lloyd J. Moss, Oct., 412

—cervical syringomyelia and syringomyelia-like states associated with Arnold-Chiari deformity and platybasia (ab), Ben W. Lichtenstein, Dec., 599

**T**

**TAYLOR, HENRY K., and McGOVERN, TERESA:** Angiocardiography: anatomy of the heart in health and disease, Oct., 364

**TAYLOR, HENRY L.** See **HENSCHER, AUSTIN**

**TEETH****development**

—ectodermal dysplasia (anhidrotic type) with complete anodontia; serial roentgenographic cephalometric appraisal (ab), Allan G. Brodie and Bernard G. Sarnat, July, 88

**TEMPERATURE**

—gastric emptying time of man at high and normal environmental temperatures (ab), Austin Henschel, Henry L. Taylor, and Ancel Keys, Dec., 603

—quantitative study of effect of temperature on sensitivities of x-ray screens and films, Russell H. Morgan, Sept., 256

**TEMPORAL BONE**

—value of axial projection of petrous bone in diagnosis of chronic mastoiditis and cholesteatoma, Gerhard Danelius, Nov., 492

**TERATOMA.** See Tumors, teratoma

**TESTES****tumors**

—recurrence of teratoma 11½ years after orchidectomy and irradiation (ab), Percy Zerman, Sept., 317

—torsion of spermatic cord with unsuspected testicular tumor (ab), John H. Mohardt, July, 102

**THOMPSON, CHARLES M., and GRIMES, ELMER L.:** Carcinoma of the nasopharynx (ab), Oct., 420

**THORACIC PLASTY.** See Tuberculosis, Pulmonary, surgical therapy

**THORAX**

See also Heart; Lungs; Mediastinum; etc.

—demonstration of pulmonary lobes and interlobar fissures by roentgenograms of an artificial thorax (ab), E. M. Medlar, G. S. Pesquera, W. H. Ordway, and E. C. Lasher, Oct., 402

**tumors**

—huge intrathoracic fibroma: report of case (ab), O. Theron Clagett and Paul F. Hausmann, Oct., 407

—intrathoracic neurogenic tumors (ab), Edward M. Kent, Brian Blades, Anibal R. Valle, and Everts A. Graham, Nov., 525

—intrathoracic tumors as problem in diagnosis (ab), Raymond J. Harrington, Oct., 406

**THORNTON, T. F., Jr., ADAMS, W. E., and BLOCH, R. G.:** Solitary circumscribed tumors of the lung (ab), Dec., 601

—See **MITCHELL, E. B.**

**THROMBOSIS**

—localized arterial thrombosis of indeterminate origin (ab), J. R. Learmonth, W. Blackwood, and R. L. Richards, Sept., 313

**axillary**

—primary thrombosis of axillary vein due to strain (ab), Samuel J. Stabins, Aug., 210

**THUDIUM, WM. J.** See **SCHOFFEY, LEWIS C.**

**THYROID****hypothyroidism**

—osteochochondral hypothyroidism; two cases (ab), R. Hermon, Aug., 205

**TIBIA****abnormalities**

—two congenital deformities: angulation and pseudarthrosis (ab), E. Rohan Williams, Sept., 311

**deformities**

—osteochochondral deformans tibiae; nonrachitic bow leg in children (ab), C. Glenn Barber, July, 96

**fractures**

—fractures of condyles (ab), Wm. L. Weber, Oct., 416

—march fractures (ab), Samuel E. Proctor, Thomas A. Campbell, and Martin Dobelle, Dec., 611

**TISSUE****culture**

—comparative studies on radiosensitivity of normal and malignant cells in culture. II. Delayed lethal effect (ab), L. Doljanski, G. Goldhaber, and L. Halberstaedter, Nov., 530

—comparative studies on radiosensitivity of normal and malignant cells in culture. III. Further studies on inhibitory effect of x-rays on cell outgrowth (ab), G. Goldhaber, L. Doljanski, and L. Halberstaedter, Nov., 530

—time intensity factor in x-ray irradiation (of fibroblasts). Influence of overall time (ab), Edith Paterson, Nov., 530

**TOD, MARGARET C.** See **PAYNE, REGINALD T.**

**TOXEMIA**

—effect of x-ray irradiation upon bacterial toxemia in rabbits, J. Dewey Bisgard, Howard B. Hunt, and R. Hugh Dickinson, Oct., 330

**TRACHEA****fistula.** See **Fistula**

—adenoma of trachea and bronchus (ab), Leo Schwartz, Oct., 407

**TRIQUETRUM**

—fractures of triquetrum (ab), J. Grant Bonnin and W. P. Greening, Aug., 208

**TUBERCULOMA.** See Tumors, tuberculoma

**TUBERCULOSIS****industrial and traumatic**

—silicotuberculosis (ab), Oscar Auerbach and Marguerite G. Stemmerman, Oct., 403

**TUBERCULOSIS, PULMONARY**

**cavitation in.** See also Tuberculosis, Pulmonary, therapy

—determination and treatment of pressure cavities (ab), Arthur M. Vineberg and Walter E. Kunstler, Oct., 402

**mass roentgenologic surveys**

—comparative study of chest x-ray survey methods (ab), Arthur B. Robins, Aug., 198

—discussion of organization of a fluorographic service for the civilian community (ab), Maurice Davidson, Peter Kerley, et al., Oct., 401

—in Wellington: radiological investigation among office and factory workers and secondary school children (ab), Marie S. Buchler, Dec., 600

—induction film as an aid in appraising subsequent pulmonary lesions, Algernon N. Alpern and Julien E. Benjamin, Dec., 548

—miniature camera (for mass radiography) in medicine (ab), F. Birkinshaw, July, 89

—photofluorography for chest surveys, Malcolm W. Mason, Nov., 499

—pulmonary conditions in rejectees: analysis of 2,270 selectees rejected for pulmonary conditions in the induction centres of Massachusetts (ab), David Zacks and Robert W. Hyde, Nov., 524

—statistical analysis of 100,000 examinations of the chest by the photoroentgen method, Peter Zanca and Frederick K. Herpel, Aug., 122. See correction, Nov., 518

**pathology**

—quantity of focal (tubercle) calcium in human lungs (ab), Paul E. Steiner, D. Warren Stanger, Miriam Bolyard, and A. W. Marcovich, Oct., 403

**pregnancy and tuberculosis**

—chest screening in an ante-natal clinic (ab), Rachel Frank and A. L. Jacobs, Oct., 402

**roentgenography**

—control, duplication and standardization of radiographic chest technic (ab), Wm. H. Weidman and Jean Kieffer, Oct., 401

—demonstration of pulmonary lobes and interlobar fissures by roentgenograms of an artificial thorax (ab), E. M. Medlar, G. S. Pesquera, W. H. Ordway, and E. C. Lasher, Oct., 402

—significance of negative roentgenogram in search for pulmonary tuberculosis (ed), Leo G. Rigler, July, 68

**surgical therapy**

—intrabronchial spread following thoracoplasty (ab), Mandel Weinstein and Steven Tyau, Oct., 403

**therapy**

—determination and treatment of pressure cavities (ab), Arthur M. Vineberg and Walter E. Kunstler, Oct., 402

—roentgenographic aspects of Monaldi's cavity aspiration (ab), W. R. Oechsli and Edward Kupka, July, 89

**TUMORS****adenolymphoma**

—of parotid salivary gland (ab), M. Lederman, Sept., 314

**adenoma**

—importance of roentgen examination in diagnosis of adenoma of prostate (ab), Athayde Pereira, Dec., 614

—of bronchus; clinical and roentgenologic study with report of 7 cases, Thomas Lowry and Leo G. Rigler, Sept., 213

—of trachea and bronchus (ab), Leo Schwartz, Oct., 407

**angioma**

—hemangioma of mediastinum; report of case (ab), W. E. Adams and R. G. Bloch, Oct., 408

**cholesteatoma**

—value of axial projection of petrous bone in diagnosis of chronic mastoiditis and cholesteatoma, Gerhard Danelius, Nov., 492

**cystadenoma**

—malignant cystadenoma of ovary with pleural effusion (Meigs' syndrome) (ab), Horace B. Anderson, Dec., 617

**epidermoid.** See Fingers and Toes, cysts

**TUMORS—cont.**

- fibroma.** See also Uterus, fibroma
- huge intrathoracic fibroma; report of case (ab), O. Theron Clagett and Paul F. Hausmann, Oct., 407
- ganglioneuroma**
- mediastinal ganglioneuroma (ab), Howard K. Gray, Duncan V. Shepard, and Malcolm B. Dockerty, Oct., 408
- lipoma**
- mediastinal lipoma; case report (ab), William L. Watson and Jerome A. Urban, Oct., 408
- lymphoma**
- surgical treatment of malignant lymphoma (ab), Edward A. Gall, July, 103
- myeloma**
- diagnosis and treatment of osteoclastoma, James F. Brailsford, July, 35
- neuroblastoma**
- retroperitoneal tumors (especially Wilms' tumor and neuroblastoma) in children (ab), July, 102
- neurofibroma.** See Neurofibromatosis
- osteochondroma**
- of base of skull (ab), Lester S. King and James Butcher, Nov., 524
- polyp**
- of colon of children (ab), Roger L. J. Kennedy, Claude F. Dixon, and Harry M. Weber, July, 94
- polyposis of gallbladder; case report (ab), J. Gregory Grego and Henry N. Harkins, Oct., 410
- teratoma**
- recurrence of teratoma testis 11½ years after orchidectomy and irradiation (ab), Percy Zerman, Sept., 317
- tuberculoma**
- of ectopic kidney (ab), Mordecai Nachman, Dec., 613
- of kidney; report of case (ab), Stanley L. Wang and Albert V. Flaque, Oct., 419

**TYAU, STEVEN.** See **WEINSTEIN, MANDEL**

**U****ULCER**

- peptic.** See Peptic Ulcer
- tropical**
- radiological appearances of bone in cases (ab), J. A. Brocklebank, Aug., 204
- ULMANN, HENRY J.** See **BISCHOFF, FRITZ**
- UNFUG, DR. GEORGE A.**
- honored, Dec., 593
- UNGAR, E. M.:** Simplified method of studying volume dose distribution (ab), Sept., 318
- URBAN, JEROME A.** See **WATSON, WILLIAM L.**
- URETERS**
- the ureter and its involvement in pelvic irradiation, Edward E. Mansur, Aug., 147
- abnormalities**
- postcaval ureter (ab), Carl L. Wilson and Jacob Herzlich, Aug., 209
- obstruction**
- management of bilateral obstruction (ab), Theodore R. Fletcher, Aug., 210
- tumors**
- primary sarcoma; case report and review of literature (ab), Lee Rademaker, July, 98

**URETHRA**

- diverticula**
- of female urethra (ab), John G. Menville and Joseph D. Mitchell, Jr., Dec., 614
- roentgenography**
- cystourethrographic diagnosis of prostatic disease (ab), William E. Forsythe, Jr., July, 99

**URINARY TRACT**

- See Genito-Urinary Tract; Kidneys; Ureters; etc.
- roentgenography.** See Pyelography

**URINE**

- alkaptone**
- complete roentgen and ophthalmologic examination for ochronosis in two alcaptonuric children (ab), Lynn D. Abbott, Jr., Frederick B. Mandeville, and Walter J. Rein, Sept., 312
- organic acids**
- intractable hypophosphatemic rickets with renal glycosuria and acidosis (the Fanconi syndrome): report of case in which increased organic acids were detected and identified, with a review of the literature (ab), D. J. McCune, H. H. Mason, and H. T. Clarke, July, 96

**UROKYMNOGRAPHY.** See Pyelography**UTERUS**

- incidental findings in urograms concerning the uterus (ab), J. T. Marr and U. V. Portmann, Nov., 528
- cancer**
- carcinoma of cervix coincident with pregnancy (ab), Charles R. Maino and Robert D. Mussey, Oct., 422
- carcinoma of cervix, end results (ab), Charles A. Behney and John Y. Howson, Dec., 616
- carcinoma of cervix: treatment and prognosis (ab), Daniel G. Murton, Sept., 315
- evolution of an improved transvaginal speculum, Arthur W. Erskine, Aug., 170
- further experience in management and treatment of carcinoma of fundus, with five-year end results in 75 patients (ab), Lewis C. Scheffey, Wm. J. Thudium, and David M. Farrell, July, 101

- late bladder injuries following treatment of carcinoma of cervix (ab), David M. Farrell and George A. Hahn, Dec., 617
- panhysterectomy versus irradiation for early cancer of cervix (ab), Howard W. Jones, Jr., and Georgeanna E. Seegar Jones, July, 101
- physical aspects of intracavitary radium treatment of carcinoma of cervix. Part I. (ab), G. J. Neary, Sept., 316
- physical aspects of intracavitary radium treatment of carcinoma of cervix. Part II. Physical investigation of Donaldson technic (ab), G. J. Neary, Sept., 317
- radiation treatment of cancer of cervix (ab), Norman A. McCormick, July, 100
- the ureter and its involvement in pelvic irradiation, Edward E. Mansur, 147
- cervix.** See Uterus, cancer
- fibroma**
- extravasical lesions causing bladder neck obstructions, S. W. Donaldson and R. K. Ratliff, Oct., 319
- roentgenography**
- venous intravasation during utero-salpingography (ab), E. Rohan Williams, Oct., 418

**V****VAGINA**

- absorption of radioactive sodium instilled into vagina (ab), W. T. Pommerenke and P. F. Hahn, Aug., 212
- VALLE, ANIBAL R.** See **KENT, EDWARD M.**
- VAN LIEBE, EDWARD J., and NORTUP, DAVID W.:** Effect of water taken with meals on gastric emptying (ab), Oct., 409

**VARICELLA.** See Chickenpox

- VAUGHAN, W. W., and EICHWALD, MAX:** Priodax: a contrast medium for cholecystography. Analysis of 163 cases, outlining the various reactions in three technics and the operative findings in 22 cases, Dec., 578

**VEINS**

- femoral**
- retrograde venography of the deep leg veins (ab), J. C. Luke, July, 99
- roentgenography**
- further experiences, E. C. Baker and F. A. Miller, Aug., 129
- retrograde venography of the deep leg veins (ab), J. C. Luke, July, 99
- use of phlebography and lumbar sympathetic block in diagnosis of venospasm of lower extremities; preliminary report (ab), E. M. Papper and Allison E. Immler, Oct., 419
- uterine**
- venous intravasation during utero-salpingography (ab), E. Rohan Williams, Oct., 418

**VERRUCA**

- treatment of plantar warts (ab), J. E. Gendreau and Origène Dufresne, July, 105

**VERSIONI, OSCAR, FIGUEIRO, JOSÉ MARIA, and JUNQUEIRA, MOACYR A.:** Hand-Schüller-Christian's syndrome and "eosinophilic or solitary granuloma of bone" (ab), Oct., 413**VINEBERG, ARTHUR M., and KUNSTLER, WALTER E.:** Determination and treatment of pressure cavities in pulmonary tuberculosis (ab), Oct., 402**W****WACHSTEIN, M.** See **POHLMANN, H. F.****WAKEFIELD, HOWARD:** Hypertrophic pyloric stenosis in adults (ab), Dec., 604**WALD, MAURICE H., and GALLOWAY, A. F.:** Pituirin for concentrating diodrast in excretion urography, Oct., 358**WAMMOCK, HOKE, and ARBUCKLE, ROBERT K.:** Fractures of the rib cage following interstitial radium therapy for cancer of the breast (ab), July, 106**WANG, STANLEY L., and FLAQUE, ALBERT V.:** Tuberculosis of the kidney: report of case (ab), Oct., 419**WAR**

- See Military Medicine
- mobile x-ray units for invasion, Aug., 188

**WARE, H. H., Jr.** See **WINN, W. C.****WARING, JAMES J., and SCHMIDT, ERNST A.:** Esophageal fistula diagnosed roentgenologically; case, July, 59**WARREN, SHIELDS, and COWING, RUSSELL F.:** Retention of radioactive phosphorus when administered in different chemical forms (ab), Nov., 530**WARREN, STAFFORD L.** See **STEINHAUSEN, THEODORE B.****WARTS**

- treatment of plantar warts (ab), J. E. Gendreau and Origène Dufresne, July, 105

**WASCH, MILTON G., and EPSTEIN, BERNARD S.:** Roentgen visualization of tumors of the cardia (ab), Dec., 604**WASSERMAN, PHILIP.** See **BROWN, SAMUEL****WATER**

- effect of water taken with meals on gastric emptying (ab), Edward J. Van Liere and David W. Northup, Oct., 409

**WATSON, WILLIAM L., and URBAN, JEROME A.:** Medial tibial lipoma; case report (ab), Oct., 408**WEBER, HARRY M.** See **KENNEDY, ROGER L. J.****WEBER, WM. L.:** Fractures of the tibial condyles (ab), Oct., 416**WEBSTER, D. R., ROSS, A. S., and ALFORD, E. L.:** Immersion blast injuries of the abdomen (ab), July, 92

- WEIDMAN, WM. H., and KIEFFER, JEAN:** Control, duplication and standardization of radiographic chest technique (ab), Oct., 401
- WEINBERG, TOBIAS.** See **RUSSAKOFF, ABRAHAM H.**
- WEINSTEIN, MANDEL, and TYAU, STEVEN:** Intrabronchial spread following thoracoplasty (ab), Oct., 403
- WELDING.** See Industry and Occupations, diseases and poisoning
- WERTZ, ROYAL F.** See **CARLSON, GLENN D.**
- WHITE, A. S.** See **SIRBU, A. B.**
- WHITE, J. WILLIAM, and HUNTER, SYDNEY:** Subscapular ossified hematoma. Case report (ab), Sept., 310
- WIDMANN, BERNARD P.:** Roentgen therapy for bronchiogenic cancer (ab), Aug., 210
- WILCOX, U. V.** See **MERRITT, E. A.**
- WILLIAMS, E. ROHAN:** Two congenital deformities of the tibia: congenital angulation and congenital pseudoarthrosis (ab), Sept., 311
- Venous intravasation during utero-salpingography (ab), Oct., 418
- WILLIAMS, I. G.** See **RICHERS, E. W.**
- WILMS TUMOR.** See Kidneys, tumors
- WILSON, C. W.:** Some data concerning the use of x-ray beams in direct (cross firing) opposition (ab), July, 100
- WILSON, CARL L., and HERZLICH, JACOB:** Post caval ureter (ab), Aug., 209
- WINDEYER, B. W.:** Malignant tumors of the upper jaw (Skinner Lecture) (ab), Oct., 420
- WINN, W. C., WARE, H. H., Jr., and MANDEVILLE, F. B.:** Anencephaly with antenatal roentgen diagnosis in three cases (ab), Oct., 418
- WOLCOTT, E. CLINTON, Jr.** See **STEINHAUSEN, THEODORE B.**
- WOLFSON, LOUIS E.:** Rupture of a left temporosphenoidal brain abscess into the ventricle: report of case, with recovery (ab), Oct., 400
- WOODRUFF, MARSTON T.** See **BERK, J. EDWARD**
- WOUNDS** —unusual stab wound: case, Daniel L. Maguire, Jr., and Bernard S. Kalayjian, July, 65
- WRIGHT, H. H.** See **HABBE, J. E.**
- WRIST** —See also Scaphoid Bone, Carpal fractures  
—fractures of triquetrum (ab), J. Grant Bonnin and W. P. Greening, Aug., 208
- X**
- X-RAYS.** See Roentgen Rays
- Y**
- YAWS.** See Frambesia
- YOUNG, EDWARD L., and YOUNG, EDWARD L., III:** Diverticulitis of the colon: review of the literature and an analysis of ninety-one cases (ab), Sept., 308
- YOUNG, EDWARD L., III.** See **YOUNG, EDWARD L.**
- Z**
- ZACKS, DAVID, and HYDE, ROBERT W.:** Pulmonary conditions in rejectees: analysis of 2,270 selectees rejected for pulmonary conditions in the induction centres of Massachusetts (ab), Nov., 524
- ZANCA, PETER, and HERPEL, FREDERICK K.:** Statistical analysis of 100,000 examinations of the chest by photo-roentgen method, Aug., 122. See correction, Nov., 518
- ZERMAN, PERCY:** Recurrence of a teratoma testis eleven and a half years after orchidectomy and irradiation (ab), Sept., 317
- ZINK, OSCAR C.** See **BREWER, ARTHUR A.**
- ZINTHEO, CLARENCE J., Jr.:** Simple fluoroscopic method of foreign body localization, Oct., 376

